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# THIRTIETH ANNUAL REPORT

# REGISTRAR-GENERAL

BIRTHS, DEATHS, AND MARRIAGES

REGISTERED IN

## SCOTLAND

DURING THE

YEAR 1884;

TWENTIETH ANNUAL REPORT

A CCINATION.

Presented to both Bouses of Parliament by Command of Her Majesty.



#### EDINBURGH:

### PRINTED BY NEILL & COMPANY

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#### ERRATA IN ANNUAL REPORT FOR 1883.

Table IX., p. 15, substitute for Leith and Paisley:-

	1878.	1874.	1875.	1876.	1877.	1878.	1879.	1880.	1881.	1882.	Mean of Ton Yours.	1883.
Leith		2·47 2·75	2·66	2·19 2·47	2·12 2·51	2·14 2·97	1·98 2·75	2·30 2·59	2·08 2·28	1·86 2·57	2·14 2·67	2·08 2·42

### REPORT.

#### TO THE RIGHT HON.

#### SIR WILLIAM VERNON HARCOURT, Q.C., M.P.,

Her Majesty's Principal Secretary of State for the Home Department.

GENERAL REGISTRY OFFICE OF BIRTHS, Etc., Edinburgh, 25th March 1885.

SIR,

I have now the honour to submit to you, in accordance with the requirements of the Scottish Registration Act (17 and 18 Vict. cap. 80), a General Abstract of the Births, Deaths, and Marriages registered in Scotland during the year 1884, drawn up in the usual form, with a view to its being laid before Parliament.

I have likewise the honour to submit to you, in accordance with Section 19 of the Vaccination Act (26 & 27 Vict. cap. 108), the Twentieth Annual Report on Vaccination, which includes all the usual details relative to children whose Births were registered in Scotland during the year 1883.

Twelve deaths from Small-pox were registered during the year, which, although an increase upon the number of deaths from that disease during 1883, is still small, and is an indication of the efficient manner in which the Vaccination Act is carried out by the public throughout Scotland.

I have the honour to be,

Sir,

Your most obedient Servant,

STAIR AGNEW,

Registrar-General.

#### REPORT TO THE REGISTRAR-GENERAL

BY R. J. BLAIR CUNYNGHAME, M.D., F.R.S.E.

SIR,

The Report now submitted affords an insight as to the particulars usually tabulated relative to the Births, Deaths, and Marriages registered in the various Registration Districts of Scotland during the year 1884.

With the General Annual Report is the Twentieth Report on Vaccination, containing all available information as to the administration of the Scottish Vaccination Act, and especially with reference to the vaccination of children born in Scotland during 1883.

The estimated population of Scotland at June 30th, 1884, was 3,866,521, of which number 1,868,325 were of the male, and 1,998,196 of the female sex. There were registered during the year the births of 129,041 live children, 75,128 deaths were recorded, and 26,061 marriages; hence for every hundred of estimated population there were 3:34 births, 1:94

deaths, and 0.67 marriages, all of which are seen, on reference to Table II.,

Table I.—Population estimated to the middle of each year, with the Number of Births, Deaths, and Marriages registered in Scotland during each of the Years 1855 to 1884, and their Proportion to the Population; also the Excess of Births over Deaths, the Number of Illegitimate Births, and their Proportion to the Total Births.

YEAR.	Estimated Population.	BIRT	THS.	DEATHS. MAR- RIAGES.		Excess of Births over	Percen	ntage to Po	pulation.	Per cent of Illeg. to Total
	x opulation.	Total.	Illegit.		RIAGES.	Deaths.	Births.	Deaths.	Marriages.	Births.
1855	2,978,065	93,349	7,357	62,004	19,680	31,345	3.1491	2.0820	0.6608	7.8
1856	2,995,771	101,821	8,695	58,529	20,740	43,292	3.3988	1.9537	0.6923	8.5
1857	3,012,310	103,415	8,869	61,906	21,369	41,509	3.4331	2.0551	0.7094	8.5
1858	3,027,665	104,018	9,354	63,539	19,655	40,479	3.4356	2.0986	0.6492	8.9
1859	3,041,812	106,543	9,715	61,714	21,201	44,829	3.5026	2.0288	0.6969	9.1
1860	3,054,738	105,629	9,736	68,170	21,225	37,359	3.5578	2.2316	0.6948	9.2
1861	3,069,404	107,009	9,929	62,341	20,896	44,668	3.4863	2.0310	0.6808	9.2
1862	3,097,009	107,069	10,376	67,195	20,597	39.874	3.4572	2.1697	0.6651	9.7
1863	3.126,879	109,341	10,948	71,481	22,234	37,860	3.4968	2.2860	0.7160	10.0
1864	3,156,021	112,333	11,197	74,416	22,725	37,917	3.5594	2.3579	0.7200	9.9
1865	3,185,437	113,070	11,262	70,891	23,611	42,179	3.5496	2.2255	0.7412	9.9
1866	3,215,129	113,667	11,673	71,348	23,688	42,319	3.5354	2.2191	0.7367	10.2
1867	3,245,098	114,044	11,148	69,067	22,618	44,976	3.5063	2.1284	0.6970	9.7
1868	3,275,350	115,514	11,354	69,416	21,855	46,098	3.5267	2.1193	0.6673	9.8
1869	3,305,885	113,354	11,066	75,875	22,144	37,479	3.4288	2.2951	0.6698	9.7
1870	3,336,707	115,390	11,108	74,165	23,854	41 225	3.4582	2.2227	0.7149	9:6
1871	3,368,921	116,128	11,077	74,712	24,019	41,416	3.4470	2.2177	0.7130	9.5
1872	3,404,798	118,765	10,927	75,794	25,641	42,971	3.4882	2.2261	0.7531	9.2
1873	3,441,056	119,700	10,925	76,946	26,748	42,754	3.4786	2.2361	0.7773	9.1
1874	3,477,704	123,711	10,991	80,720	26,390	42,991	3.5573	2.3211	0.7588	8.9
1875	8,514,744	123,578	10,786	81,767	25,974	41,811	3.5160	2.3264	0.7390	8.73
1876	3,552,183	126,534	11,029	74,129	26,579	52,405	3.5621	2.0869	0.7482	8.72
1877	3,590,022	126,822	10,568	73,937	25,817	52,885	3.5326	2.0595	0.7191	8.33
1878	3,628,268	126,773	10,641	76,793	24,358	49,980	3.4910	2.1165	0.6713	8.39
1879	3,665,443	125,730	10,727	73,347	23,519	52,383	3.4301	2.0010	0.6416	8.53
1880	3,705,995	124,652	10,498	75,795	24,489	48,857	3.3635	2.0452	0.6608	8.42
1881	3,745,485	126,214	10,466	72,301	25,948	53,913	3.3698	1.9303	0.6927	8.29
1882	3,785,400	126,182	10,550	72,966	26,574	53,216	3.3334	1.9276	0.7020	8.36
1883	3,825,744	124,462	10,035	76,867	26,855	47,595	3.2533	2.0092	0.7019	8.06
1884	3,866,521	129,041	10,466	75,128	26,061	53,913	3.8374	1.9430	0.6740	8.11

to be below the average for the last ten years, the birth rate for 1884 being under that for the ten years by 0.101, the death rate by 0.144, and the marriage rate by 0.032.

The excess of births over deaths during the year is 53,913.

#### BIRTHS.

129,041 births were registered in Scotland during 1884, being at the rate of 3.34 per cent., or 334 for every ten thousand of estimated population. The number and proportion of births in each of the great Registration groups of districts into which the country is divided are found in Tables IV. and V. In the Principal Town districts 54,242 live births are registered, or 364 for every ten thousand of the inhabitants thereof; in the Large Town districts, they numbered 14,552, or 355 per ten thousand; in the Small Town districts, they are 27,380 or 333 per ten thousand; in the Mainland Rural districts, they are 29,642, or 292 per ten thousand; and in the Insular-Rural districts 3225, being in the proportion of 248 births per ten thousand of estimated population of the same. On comparing these numbers with the corresponding for 1883, it is seen that in each of the five districts there is an increase in the births, and, as occurred last year, the birth rate in the Principal Town districts is greater than that in the Large Town districts, falling throughout the others, being lowest in the Insular-Rural districts.

Of the total registered births, 10,466 were illegitimate, being in the proportion of 8·11 per cent. In the Insular-Rural group of districts the rate of illegitimacy was 5·8 per cent.; in the Large Town districts 6·7 per cent.; in the Principal Town districts 7·5 per cent.; in the Small Town districts 7·9 per cent.; and in the Mainland-Rural districts 10·3

per cent.

Table VI. presents the relative frequency of bastardy in the Geographical divisions and separate counties of Scotland during the year under review. While the percentage of illegitimacy throughout the whole country was 8·1, four of its divisions exhibited a ratio below this, and a like number above, the inhabitants of the North-Western division being least erring in this respect, with 6·2 per cent., and those of the West-Midland, with 6·3 per cent.; while on the other hand the Southern division showed a percentage of 13·6, and the North-Eastern of 14·0.

In but three counties was the proportion 5.0 per cent. or under, viz.,

Table III.—Births, Deaths, and Marriages in each of the Eight Divisions of Scotland during the Year 1884, and their Proportion to the Estimated Population.

_		Population estimated	BIR	гнз.	DEA	THS.	marriages.		
Divisions.		to middle of 1884.	Number.	Per cent. to Pop.	Number.	Per cent. to Pop.	Number.	Per cent. to Pop.	
Northern .	:	122,998	8,025	2:46	1,820	1.48	604	0.49	
North-Western		165,749	4,245	2.56	2,589	1.56	832	0-50	
North-Eastern		426,383	18,813	8-24	7,126	1.67	2,597	0-61	
East-Midland .		616,472	19,204	8-11	11,804	1.88	3,998	0.65	
West-Midland .		296,192	9,308	8-15	5,819	1.80	1,633	0.22	
South-Western		1,456,818	55,862	8.80	32,378	2-22	11,349	0.78	
South-Eastern .		571,966	18,255	8-19	10,822	1-89	3,985	0.69	
Southern .		211,458	5,829	2.75	8,770	178	1,113	0.58	

Shetland, with 4.8 per cent.; Ross and Cromarty, and Dumbarton each with 5.0 per cent. In twelve counties it exceeded 10.0 per cent., the highest being Elgin, in which births of this nature constituted 15.1 per cent. of the whole, and Banff and Wigtown each with 15.9 per cent.

66,363 of the births being males, and 62,678 females, it follows the proportion of boys to girls was as 105.9 is to 100. In the Insular-Rural districts their proportion was about equal, 100.1 to 100, being most varied in the Mainland-Rural districts, where the boys born were to the girls as 106.5 to 100, and in the Principal Town districts, where it was 106.6 to 100.

Births occurred in largest number during the month of May, when 374 of them were registered per diem, followed by June with 373 daily, April with 369, July 360, September 356, October and December each with 354 daily, March 343, January 340, August 337, February 335, and November 333. The average number of births registered day by day was 352, males 181, females 171.

TABLE IV.—Births, Illegitimate Births, Deaths and Marriages in the Five Registration Groups of Town, Rural, and Insular Districts in Scotland in 1884.

REGISTRATION		ion estim			BIRTH	s.	EGITI- BIRTHS.	D	AGES.		
GROUPS OF DISTRICTS.	Males.	Females	Both Sexes.	Males.	Fem.	Both Sexes.	- Pag	Males.	Fem.	Both Sexes 34,231 8,249 14,908 15,790	MARRIAGES.
Principal Town Districts	709,297	781,351	1,490,648	27,990	26,252	54,242	4,066	17,172	17,059	34,231	12,256
Large Town Districts .	200,071	209,725	409,796	7,888	7,164	14,552	978	4,044	4,205	8,249	2,875
Small Town Districts .	397,218	424,715	821,933	14,074	13,306	27,380	2,182	7,409	7,499	14,908	5,156
Mainland-Rural Districts	500,515	513,757	1,014,272	15,291	14,351	29,642	3,054	8,013	7,777	15,790	5,186
Insular-Rural Districts	61,224	68,648	129,872	1,620	1,605	3,225	186	949	1,001	1,950	588
SCOTLAND	1,868,325	1,998,196	3,866,521	66,363	62,678	129,041	10,466	37,587	37,541	75,128	26,061

Table V.—Percentage of Births, Deaths, and Marriages to the Population, distinguishing the Sexes;
Percentage of Illegitimate to the Total Births, and Proportion of Boys to Girls at Birth, in the
Five Groups of Registration Districts in 1884.

		Perce	ntage to	Populatio	on in 188-	4.		of Ille- Total s.	Boys Girls
REGISTRATION GROUPS OF DISTRICTS.		BIRTHS.			DEATHS		AGES.		Proportion of to every 100 at Birth.
	Males.	Females.	Both Sexes	Males.	Females.	Both Sexes.	Marriages	Percentage gitimate to Birth	Propos to eve
Principal Town Districts	3.94	3.36	8.64	2.42	2.18	2.29	0.82	7.5	106-6
Large Town Districts .	3.69	3.41	3.55	2.02	2.00	2.01	0.70	6.7	103-1
Small Town Districts .	3.24	8.13	3.33	1.86	1.76	1.81	0.63	7∙9	105.7
Mainland-Rural Districts	3.05	2.79	2.92	1.60	1.21	1.55	0.51	10.3	106.2
Insular-Rural Districts	2.65	2.34	2.48	1.55	1.46	1.20	0.45	<b>5</b> ·8	100-1
SCOTLAND	3.55	8-14	3.34	2.01	1.88	1.94	0.67	8·1	105-9

#### DEATHS.

75,128 deaths were reported to the Registrars throughout Scotland as having occurred during 1884, being in the proportion of 194 for every ten thousand of estimated population. This is considerably below that for last year, as also under the average for the last ten years, which is 208 per ten thousand of population.

From Table V. we find the highest mortality rate to have been in the Principal Town districts, where 229 per ten thousand succumbed; in the Large Town districts, the proportion was 201; in the Small Town districts, it was 181; in the Mainland-Rural districts it was 155; while in the Insular-Rural districts but 150 deaths in every ten thousand of their inhabitants were notified to the above.

The average number of daily deaths was greatest in December, when 256 were registered, whilst in August they were but 183. In October they were 189, in July 192, in June 193, in November 197, in September 198, in January 208, in February 210, in March 212, and in April 214. The average number of deaths registered day by day was 205.

#### MARRIAGES.

26,061 marriages were reported as having taken place in Scotland during 1884, being at the rate of 67 for every ten thousand of the estimated population. This is below that for last year, as also for the mean of the previous ten years, which in each case was the same, viz., 70 per ten thousand.

The marriage rate as usual varied much in each of the respective districts; thus in the Principal Town districts it was in the proportion of 82 marriages per ten thousand of the inhabitants estimated to be residing in them at the middle of the year; in the Large Town districts it was 70; in the Small Town districts 63; in the Mainland Rural districts 51; and in the Insular Rural 45. This, on being compared with last year, shows a considerable decrease in the rate in the Principal Town districts, and slightly in those of the Large Towns, while it is exactly the same in the Small Town and Mainland Rural districts; there being an increase in those of the Insular Rural.

The greatest number of marriages was celebrated in June, when

Table VI.—Proportion of Illegitimate to every 100 Births in Scotland, its Divisions and Counties, in 1884.

<b>Диченоме.</b>	Percent. of Illegit.	Countles.	Percent. of Illegit.	Counties.	Per cent. of Illegit.	Counties.	Per cent. of Illegit.
SCOTLAND.	8·1	Shetland Orkney	4·8 7·1	Forfar Perth	9·8 8·6	Lanark Linlithgow	6·6 7·7
NORTHERN DIVISION, NORTH-REFIRM DO. NORTH-REFIRM DO. EAST-MIDLAND DO. WHEN-MIDLAND DO. SOUTH-REFIRM DO. SOUTH-RAFTERN DO.	8-2 6-2 14-0 8-3 6-3 6-5 7-8 13-6	Caithness Sutherland Ross & Cromarty Inverness Nairn Elgin Banf Aberdeen Kincardine	11.6 7.5	Fife	6.2 11.7 5.5 6.9 5.0 7.1 6.5 5.7 7.1	Edinburgh .  Edinburgh .  Berwick .  Peebles  Selkirk .  Roxburgh .  Dumfries .  Kirkcudbright .	7.4 8.0 11.2 7.7 9.1 10.3 14.0 14.7

they occurred at the rate of 124 per diem; the fewest took place in May, but 34 daily, increasing as follows for the other months: 48 in August, 53 in March, 54 in February and October, 55 in September, 63 in April, 76 in November, 83 in July, 99 in December, and 113 in January; the average number of marriages registered daily throughout the year being 71.

#### EIGHT OF THE PRINCIPAL TOWNS OF SCOTLAND.

The remainder of the Report is based upon the information received each month from the Registrars of Glasgow, Edinburgh, Dundee, Aberdeen, Greenock, Leith, Paisley, and Perth, which, when regarded as to the position, population, and surroundings of those towns, may be accepted as affording a tolerably fair estimate as to the conditions of the country at large in respect to the various matters here treated of.

#### BIRTHS IN THESE EIGHT TOWNS.

45,364 births were reported in them during the year, being at the rate of 362 per ten thousand of their inhabitants. The proportion varied in the different towns, being highest in Glasgow, where 397 children were born to every ten thousand of estimated population of that city; followed by Greenock with 392; Paisley with 375; Dundee with 355; Leith 343; Aberdeen with 335; Perth with 307; and lastly Edinburgh with but 302.

The number of illegitimate births among those is 3639, or 8.02 per cent. of the total births. Aberdeen and Dundee show the largest proportion of such, viz., 10.3 and 10.0 per cents. respectively; Perth comes next with 8.6 per cent.; followed by Glasgow and Edinburgh, each with 7.9 per cent.; Paisley with 6.6 per cent.; Leith with 5.8 per

cent.; and Greenock with 4.7 per cent.

Of the total births in those towns, 23,469 were males, and 21,895 females; the proportion of boys to girls was therefore 107.1 to 100.

#### DEATHS IN THESE EIGHT TOWNS.

29,228 deaths were registered in them during 1884, of which 14,670 were of the male, and 14,558 of the female sex, being in the proportion

of 233 exits in every ten thousand of their estimated population.

From Table VIII. we see that Glasgow stands highest in respect of its death rate, viz., 269 per ten thousand of the estimated population of the same; followed by Paisley with 259; Aberdeen with 220; Dundee with 207; Greenock with 205; Edinburgh and Perth each with 197; and lastly Leith, with 188.

A glance at Table IX. shows that, in the case of four of those towns, the death rate is below that for last year, in the other four being above it, and on comparing with the mean for the preceding ten years, in all

cases but one has this rate diminished.

The subject of infantile mortality in those towns is considered in Table X., where we find the numbers and proportions of children who

died in each, at ages under 5 years. Thus in Glasgow, 87 out of every thousand children estimated to be under 5 years of age died thus early; in Paisley they number 78 per thousand; in Dundee 67; in Aberdeen 62; in Greenock 60; in Edinburgh 59; in Leith 58; and in Perth 46. On the other hand, in Leith the percentage of deaths under 5 years of

Table VII.—Births, Deaths, and Marriages, and their Proportion to the Population, in the Principal Town Districts of Scotland, during each of the Years 1855-1884.

	Population	BIF	THS.	DE	ATHS.	MARE	RIAGES.
YEARS.	estimated to the middle of each year.	Number.	Per cent. to Population.	Number.	Per cent. to Population.	Number.	Per cent. to Population
1855	827,558	28,113	3.39	22,706	2.74	6,937	0.84
1856	837,540	31,719	3.78	22,254	2.65	7,507	0.89
1857	847,522	32,674	3.85	23,363	2.75	7,476	0.88
1858	857,504	32,563	3.79	23,445	2.73	6,865	0.80
1859	867,486	33,027	3.80	22,352	2.56	7,554	0.87
1860	877,468	22,958	3.75	26,066	2.97	7,688	0.87
1861	889,133	34,351	3.86	23,149	2.60	7,753	0.87
1862	906,042	34,436	3.80	24,960	2.76	7,724	0.85
1863	923,276	35,888	3.88	27,045	2.93	8,544	0.85
1864	940,840	37,058	3.94	28,845	3.07	8,897	0.92
1865	958,731	38,109	3.97	28,515	2.90	9,347	0.94
1866	976,986	38,541	3.94	27,466	2.81	9,458	0.96
1867	995,583	39,012	3.96	26,519	2.69	8,870	0.90
1868	1,014,536	39,492	3.89	28,037	2.76	8,589	0.86
1869	1,033,853	39,517	3.82	31,467	3.04	9,156	0.88
1870	1,053,542	40,452	3.83	28,508	2.70	9,733	0.92
1871	1,081,558	40,442	3.74	31,426	2:91	9,819	0.91
1872	1,093,440	41,673	3.81	30,199	2.76	10,427	0.95
1873	1,105,452	41,500	3.75	30,008	2.71	10,594	0.96
1874	1,117,596	42,631	3.81	32,124	2.87	10,574	0.95
1875	1,129,874	43,621	3.86	30,983	2.74	10,670	0.94
1876	1,142,287	44,265	3.87	27,977	2.45	10,722	0.94
1877	1,154,836	44,575	3.86	28,227	2.44	10,706	0.93
1878	1,167,524	44,329	3.80	29,425	2.52	9,727	0.83
1879	1,180,541	43,613	3.69	27,144	2.30	9,490	0.80
1880	1,193,320	42,903	3.60	28,873	2.42	9,763	0.85
1881	1,206,057	42,909	3.26	27,243	2.26	10,496	0.87
1882	1,219,586	43,549	3.57	27,759	2.28	10,753	0.88
1883	1,464,201	52,143	3.56	35,311	2.41	13,114	0.89
1884	1,490,648	54,242	3.64	34,231	2.29	12,256	0.82

Table VIII.—Births, Deaths, and Marriages, and their Proportion to the Population, during the Year 1884, in each of the following Principal Towns of Scotland; Estimated Number of Unmarried Women and Widows between 15 and 45 years of age; also the Illegitimate Births, and their Proportion to the Total Births, and to the Number of possible Mothers.

	Population	BIRTHS.		Women lows and 45.	ILLE	GIT. B	IRTHS.	DEATHS.		MARRIAGES.	
Towns.	estimated to the		Per cent. to Pop.	Unmarried Wom and Widows between 15 and	Num- ber.	Per cent. to Total Births.	Percentage to Possible Mothers.	Num- ber.	Per cent. to Pop.	Num- ber.	Per cent. to Pop.
Glasgow .	517,941	20,553	3.97	68,347	1633	7.9	2.39	13,928	2.69	4935	0.95
Edinburgh .	246,703	7,469	3.02	41,478	590	7.9	1.42	4,863	1.97	2005	0.81
Dundee	150,329	5,342	3.55	25,301	537	10.0	2.12	3,120	2.07	1204	0.80
Aberdeen .	111,242	3,733	3.35	15,970	385	10.3	2.41	2,455	2.20	873	0.78
Greenock .	72,621	2,848	3.92	7,315	135	4.7	1.84	1,493	2.05	458	0.63
Leith	66,552	2,283	3.43	7,083	132	5.8	1.86	1,251	1.88	457	0.68
Paisley	58,273	2,185	3.75	8,905	145	6.6	1.62	1,509	2.59	514	0.88
Perth	30,946	951	3.07	4,509	82	8.6	1.82	609	1.97	246	0.79

age to the total deaths is 46.8; in Glasgow 44.2; in Dundee 43.2; in Greenock 43.0; in Paisley 40.5; in Aberdeen 38.5; in Edinburgh 36.6, and in Perth 28.9.

Table XI. indicates the percentage of deaths from each class of disease, and from the principal diseases, to the estimated population in each of the towns; and Table XII. exhibits the relative frequency of the various causes of death.

Thus it is seen that Miasmatic diseases proved fatal to 0.417 per cent. of the total estimated inhabitants of the Eight Towns, being 17.92 per cent. of the total deaths. In Glasgow 0.524 per cent. of the inhabitants died from diseases of a like nature; in Paisley 0.479; in Leith 0.357; in Aberdeen 0.356; in Dundee 0.348; in Edinburgh 0.326; in Greenock 0.285; and in Perth 0.241 per cent. To Miasmatics there was due in Glasgow 19.49 per cent. of the total deaths; 18.97 per cent. in Leith; 18.37 per cent. in Paisley; 16.78 per cent. in Dundee; 16.55 per cent. in Edinburgh; 16.15 per cent. in Aberdeen; 13.85 per cent. in Greenock; and 12.25 per cent. in Perth.

In Glasgow, 5.41 per cent. of all deaths was attributed to Hooping Cough; 3.05 per cent. to Scarlet Fever; 2.56 per cent. to Measles; 1.74 per cent. to Fevers, 1.44 being Typhoid and 0.23 Typhus; 1.26 per cent. to Diphtheria; and 0.09 per cent. (12 cases) to Small-pox; 3.33 per cent. being due to Diarrheal affections.

In Edinburgh, 5:37 per cent. of the deaths resulted from Hooping Cough; 1:82 per cent. from Measles; 1:94 per cent. from Fevers, 1:53 being Typhoid and 0:39 Typhus; 1:51 per cent. from Scarlet Fever; 1:09 per cent. from Diphtheria; and 2:66 per cent. from Diarrhæa and Dysentery.

Table IX.—Percentage of Deaths to the Population in each of Eight of the Principal Towns of Scotland during each of the Years 1874-1884.

To=	Towns.			Percentage of Deaths to the Population.												
				1874.	1875.	1876.	1877.	1878.	1879.	1880.	1881.	1882.	1883.	Mean of Ten Years.	1884	
Glasgow Edinburgh Dundee . Aberdeen Greenock Leith . Paisley . Perth	:	:		3·18 2·42 3·27 2·21 2·69 2·47 2·75 2·55	3·06 2·40 2·55 2·12 8·42 2·03 2·66 2·29	2·74 2·06 2·33 2·10 2·49 2·19 2·47 2·28	2·74 2·15 2·26 2·09 2·38 2·12 2·51 2·17	2·79 2·24 2·32 2·20 2·33 2·14 2·97 2·22	2:46 1:99 2:29 2:09 2:36 1:98 2:75 2:25	2.61 2.19 2.46 2.00 2.87 2.30 2.59 2.23	2·52 2·01 2·07 1·94 2·21 2·08 2·28 2·15	2·53 1·96 2·10 2·03 2·27 1·86 2·57 2·35	2·82 1·92 2·39 1·91 2·50 2·03 2·42 1·91	2.75 2.18 2.40 2.07 2.50 2.12 2.60 2.24	2·69 1·97 2·07 2·20 2·05 1·88 2·59 1·97	

Table X.—Deaths of Children under Five Years of age in each of Eight of the Principal Towns of Scotland during the Year 1884.

	To	was.				Estimated Number of Living Children under 5 years in 1884.	Deaths under 5 years of age.	Percentage of Deaths under 5 years.	Percentage of Deaths under 5 years to the Total Deaths.
Glasgow Edinburgh Dundee . Aberdeen	:	:	:	:	:	70,955 30,261 20,077 15,301	6,154 1,778 1,348 946	8·67 5·87 6·71 6·18	44-2 86-6 43-2 88-5
Greenock Leith Paisley Perth	:	:	:	:	:	10,769 10,010 7,841 8,851	642 585 611 176	5·96 5·84 7·79 4·57	43.0 46.8 40.5 28.9

. In Dundee, 3.50 per cent. of the deaths are accredited to Hooping Cough; 2.92 per cent. to Measles; 1.90 per cent. to Diphtheria; and 5.46 per cent. to Diarrhœa and Dysentery; while but 0.55 per cent. are due to Fevers.

In Aberdeen, 5:00 per cent. are due to Hooping Cough; 3:89 per cent. to Measles; 1:56 per cent. to Diphtheria; 1:23 per cent. to Fevers,

0.33 being Typhus and 0.78 Typhoid.

In Greenock, Hooping Cough again heads the mortality, causing 3.65 per cent. of the deaths; Diphtheria has 1.55 per cent. ascribed to it, and Scarlet Fever 1.15 per cent.; Fevers causing 0.94 per cent., of which 0.61 is due to Typhoid; while to Diarrhea there falls 3.97 per cent.

In Leith, 408 per cent. died from Measles; 3:36 per cent. from Hooping Cough; 2:32 per cent. from Fevers, Typhus 1:84, Typhoid 0:40;

and from Diarrhœa 4.24 per cent.

In Paisley, 5:35 per cent. succumbed to Measles; 1:59 per cent. to Hooping Cough; 1:45 per cent. to Scarlet Fever; 1:78 per cent. to Croup; and 1:91 per cent. to Fevers, 1:65 of them being Typhoid; and to Diarrhoal affections 3:70 per cent.

Table XI.—Percentage of Deaths from different Diseases to the Population in each of Eight of the Principal Towns of Scotland during the Year 1884, allowing for the Causes not specified.

									u.
DISEASES CAUSING DEATH.	Total Eight Towns.	Glasgow.	Edinburgh.	Dandee.	Aberdeen.	Greenock.	Leith.	Paisley.	Perth.
TOTAL DEATHS	2.345	2.714	1.978	2.081	2-221	2.074	1.883	2.600	1.984
Miasmatic Diseases (including Rheum.) Tubercular Diseases Brain Diseases Heart, etc., Diseases Respiratory Organs Digestive Organs (Tecthing excluded) Urinary Organs Developmental Dis. of Children (Tecthing included) Old Age Violent Deaths (Excluding Intemperance, and Want of Breast Milk.)	0·417 0·366 0·2672 0·149 0·465 0·127 0·049 0·105 0·087 0·077	0·524 0·445 0·287 0·139 0·587 0·144 0·055 0·111 0·071 0·089	0-326 0-280 0-248 0-163 0-377 0-102 0-051 0-086 0-090 0-057	0·348 0·331 0·233 0·145 0·398 0·109 0·036	0-356 0-288 0-302 0-169 0-432 0-129 0-063 0-093 0-119 0-056	0·285 0·343 0·283 0·157 0·340 0·104 0·040 0·092 0·069 0·104	0·357 0·316 0·199 0·138 0·274 0·134 0·024 0·104 0·057 0·075	0·479 0·415 0·327 0·108 0·450 0·148 0·036 0·198 0·157 0·043	0·241 0·244 0·332 0·236 0·216 0·120 0·039 0·081 0·130 0·046
Small-pox Meaales SCARLATINA Diphtheria HÓOPING-COUGH Croup DIARRHGA Dysentery Cholera All FEVERS Viz. Typhus Enteric Relapsing Simple Cont. Dropsy Cancer PHTHISIS Apoplexy Paralysis Convulsions BRONCHITIS Pneumonia Teething Liver Diseases	0.001 0.061 0.045 0.030 0.110 0.020 0.077 0.002 0.005 0.036 0.008 0.008 0.008 0.008 0.001 0.012 0.054	0.002 0.069 0.082 0.034 0.145 0.018 0.087 0.001 0.006 0.006 0.006 0.052 0.016 0.052	0.036 0.030 0.021 0.106 0.016 0.050 0.008 0.030 0.030 0.030 0.008 0.030 0.008 0.030 0.009 0.000	0.061 0.006 0.039 0.073 0.019 0.011 0.001 0.001 0.009 0.009 0.009 0.005		0.007 0.024 0.032 0.075 0.018 0.080 0.001 0.007 0.019 0.007 0.012 0.042 0.042 0.025 0.042 0.025 0.0161 0.028 0.028	0·0721 0·010 0·063 0·022 0·080	0-139 0-038 0-029 0-041 0-046 0-090 0-007 0-003 0-043 0-014 0-034 0-034 0-040 0-102 0-040 0-102 0-040 0-109 0-052	

In Perth, 2.32 per cent. of the mortality is accounted for by Hooping Cough; 1.49 per cent. by Diphtheria; 1.32 per cent. by Croup; and

3.81 per cent. by Diarrhœa and Dysentery.

In the whole group of the above Towns, the following mortality was ascribed to the more ordinary Miasmatics:—There were 1372 deaths from Hooping Cough, being 4.73 per cent. of the total deaths registered, and equal to 11 deaths in each ten thousand of the inhabitants living therein. Diarrhæa caused 960 deaths, or 3.31 per cent. of the total, being in the ratio of 7.7 in every ten thousand of population. Measles stands next in order, having caused 764 deaths, or 2.63 per cent. of the total, equal to a mortality of 6.1 in every ten thousand. Perth alone stands among those towns as having no deaths reported from this cause. Scarlet Fever follows, with 567 deaths, equal to 1.95 per cent. of all, and in the ratio of 4.5 deaths in every ten thousand of population; Perth again standing low, with but 2 deaths from this disease.

Fevers caused 458 deaths, 93 of these being Typhus, 347 Typhoid, and 18 Simpls Continued, together equalling 1.58 per cent. of the total mortality, or 3.6 deaths in each ten thousand of estimated population.

Table XII.—Percentage of Deaths from different Diseases to the Total Deaths in each of Eight of the Principal Towns of Scotland during the Year 1884, allowing for the Causes of Death not specified.

DISEASES CAUSING DEATH.	Total Eight Towns.	Glasgow.	Edinburgh.	Dundee.	Aberdeen.	Greenock.	Leith.	Paisley.	Perth.
Miasmatic Diseases (including Rheum.)	17:92	19· <b>4</b> 9	16.55	16.78	16-15	18-85	18-97	18-37	12-25
Tubercular Diseases	15.70	16·54	14.20	15.97	13.04	16.69	16.81	15.98	12.42
Brain Diseases	11.69	10.67	12.57	11.25	13.69	13.78	10.57	12.56	16.89
Heart, etc., Diseases	6.40	5.16	8.26	6.97	7.67	7.68	7.86	4.16	12.09
Respiratory Organs	19.98	21.83	19.15	19.16	19.60	16.55	14.57	17.25	16.07
Digestive Organs (Teething	l								
excluded)	5.45	5.35	5·18 2·60	5·27 1·78	2.87	5.07	7.12	5.68	6.13
Urinary Organs	<b>3</b> ·10	2.04	2.60	1.19	2.87	1.96	1.58	1.39	1.99
Developmental Dis. of Children (Teething in-	l 1		İ			j		1	
cluded)	4:51	4.12	4:35	4.92	4.22	4.46	5.52	7.60	4.14
Old Age	3.74	2.65	4.56	4.79	5.41	8.38	3:04	6.01	6.62
Violent Deaths	3.29	8.32	2.91	4.18	2.54	5.07	4.00	1.65	2.32
(Excluding Intemperance,	J 2.			1		• • • •		1 - 00	
and Want of Breast Milk.)	1			ł				1	
					l				
a 11	0:04	0.09							
Small-pox . Measles	0·04 2·68	2.26	1.82	2.92	8.89	0.33	4.08		-
SCARLATINA	1.95	3.05	1.51	0.29	0.37	1.12	1.12	5·35 1·45	0.33
Diphtheria	1.31	1.26	1.09	1.90	1.56	1.22	0:56	1.12	1.49
HOOPING-COUGH .	4.73	5.41	5.87	8.50	5:00	3.65	3.36	1:59	2.32
Croup	0.86	0.66	0.83	0.93	1.15	0.88	1.20	1.78	1.32
DIARRHŒA	8.31	8.25	2.54	5.40	1.48	8.91	4.24	3.44	8.48
Dysentery	0.01	0.08	0.12	0.06	0.08	0.06		0.26	0.83
Cholera	0.02	0.08		_	-	-	_	0.13	-
All FEVERS	1.58	1.74	1.94	0.55	1.23	0.94	2.32	1.91	0.88
Viz. Typhus	0.32	0.53	0.39	0.06	0.38	0.33	1.84	0.18	0.38
Enteric	1.50	1.44	1.23	0.42	0.78	0.61	0.40	1.65	0.20
Relapsing .						-	<del>.</del>	<del>.</del>	-
Simple Cont	0.06	0.07	0.03	0.06	0.12		0.08	0.13	
Dropey	0.54	0.59	1.23	0.42	0.28	0.81	0.64	0.58	0.88
Cancer	2:34 10:78	1·95 11·32	3·76 9·68	2·15 11·80	2·58 9·22	2·03 11·69	2·40 8.81	1.82 11.43	2·98 8·44
	2.76	2:39	3.32	2.78	8-22	2.70	8.81 2:80	2:31	5.96
Apopiexy	2.40	1.94	2.66	2.38	3.24	2.03	3·04	3.90	8:14
Convulsions	1.90	1.92	1.77	2.12	2.66	1.21	1.60	1.52	1.65
BRONCHITIS	11.39	12.41	10.63	11:44	12.30	7.84	7.61	10.78	8.28
Pneumonia	5.98	6.41	5.92	6.30	4.85	6.01	4.40	4.56	5.79
Teething	1.19	1.18	0.91	0.67	0.58	1.35	0.88	3.83	0.83
P. Leaves Diversion	1.20	1.09	1.16	2.15	1.39	0.94	1.04	1.98	2-15
Liver Diseases	120	100 ]	1 10	2 10	100	0.02	101	1.89	2.10

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But 2 fatal cases of Typhus occurred in each of the towns Dundee, Paisley, and Perth, and in all the towns, with the exception of Leith, Typhoid Fever was a more frequent cause of death than Typhus.

Diphtheria caused 380 deaths, or 1:31 per cent. of the mortality in these towns, equal to a death rate of 3 per ten thousand. Croup caused 251 deaths, or 0:86 per cent. of all deaths, or 2 in every ten thousand

of population.

From Small-pox 12 deaths occurred, all in Glasgow, 1 being in February, 2 during March, 6 during April, 1 during May, and 2 during June. Of those, 3 were children under 5 years of age, 3 at ages between 5 and 20 years, 5 at ages between 20 and 60 years, and 1 over 60 years of age.

148 deaths are ascribed to Erysipelas; 142 to Syphilis; and 94 to

Rheumatism.

To Cancer 679 deaths are attributed, equal to 2.34 per cent. of the total deaths, or 5.4 per ten thousand of population. Edinburgh, Perth, and Aberdeen apparently suffered in highest proportion from this malignant form of disease. To Dropsy 156 exits are put down, equal to 0.54 per cent. of the total mortality, or 1.2 deaths per ten thousand of

population. From Gout but 3 deaths occurred, all in Edinburgh.

Diseases of a Tubercular nature caused 4558 deaths, or 15.70 per cent. of the total deaths, equal to 36.6 deaths per ten thousand of population. To Phthisis alone 3130 of these are due, 10.78 per cent. of the total mortality, or 25 deaths in every ten thousand of the inhabitants. Glasgow, Paisley, Dundee, and Greenock suffered most heavily from this fell disease, Leith and Perth being most lightly affected. There were 742 deaths from Hydrocephalus; 430 from Tabes; and 256 from Scrofula.

Diseases of the Brain and Nervous System accounted for 3394 deaths, being 11.69 per cent. of the total, and equal to a mortality of 27.2 in every ten thousand of population. In Perth, Greenock, and Aberdeen,

Table XIII.—Monthly Mortality and Mean Temperature in Scotland during 1884, compared with the Mean of the Ten Years 1871-1880.

	У	EAR 1	.884.	1871-1880.			
Монтн <b>э</b> .	Mean Temperature.	Actual Deaths.	Proportion to 12,000 per annum or 1000 per month.	Monthly Proportion of Deaths.	Mean Temperature.		
January February March April May June July August September October November December	40°-3 89°-2 41°-0 43°-3 48°-6 54°-2 57°-3 58°-4 54°-2 46°-9 40°-2 36°-7	6,452 6,104 6,559 6,480 6,545 8,786 5,964 5,663 5,928 5,860 5,898 7,949	1,031 975 1,047 1,025 1,045 994 908 905 947 936 942 1,270	1,154 1,061 1,138 1,064 1,040 939 921 893 884 886 949 1,122	37°-5 38°-6 40°-2 44°-2 48°-4 54°-7 57°-8 57°-8 57°-8 52°-6 46°-5 40°-2 87°-0		
TEAR	46*-7	75,128	12,000	12,000	46*-2		

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we find the greatest mortality to the total deaths to have occurred. percentage of deaths from this class of diseases is as follows: in Perth 16.89; in Greenock 13.78; in Aberdeen 13.69; in Edinburgh 12.57; in Paisley 12:56; in Dundee 11:25; in Glasgow 10:67; and in Leith 10:57. The deaths from the same, per ten thousand of population were 33.2 in Perth; 32.7 in Paisley; 30.2 in Aberdeen; 28.7 in Glasgow; 28.3 in Greenock; 24.8 in Edinburgh; 23.3 in Dundee; and 19.9 in Leith.

From Diseases of the Circulatory System, 1857 deaths are returned, being 6.40 per cent. of the total deaths, or equivalent to 14.9 deaths per ten thousand of population. Perth again leads the list with the heaviest proportional mortality from these, viz., 23.8 for every ten thousand of its estimated population; followed by Aberdeen with 16.9; Paisley being

lowest with 10.8.

Deaths from Diseases of the Respiratory Organs, excluding Consumption, number 5799, constituting 19.98 per cent. of the total deaths, or 46.5 deaths for every ten thousand of the estimated inhabitants of The death rate per like number was, in Glasgow 58.7; in those towns. Paisley 45; in Aberdeen 43.2; in Dundee 39.8; in Edinburgh 37.7; in Greenock 34; in Perth 316; and in Leith 274. The percentage of deaths of this nature to the total deaths, is in Glasgow 21.83; in Aberdeen 19.60; in Dundee 19.16; in Edinburgh 19.15; in Paisley 17.25; in Greenock 16:55; in Perth 16:07; and in Leith 14:57.

Bronchitis proved fatal to 3307 individuals; Pneumonia to 1722;

Pleurisy to 130, and Laryngitis to 126; while to Lung Disease of

Unspecified Nature, 459 deaths are put down.

Diseases of the Digestive Organs (excluding Teething) caused 1583 deaths, being 5.45 per cent. of the total deaths, and 12.7 in every ten thousand of population. Paisley, Glasgow, and Aberdeen show the greatest proportional mortality from these.

From affections of the Urinary Organs 609 persons died, being 2.10 per cent. of the mortality from all causes. In Aberdeen, Edinburgh, and Glasgow, such causes of death were most telling; Leith standing

845 deaths are accredited to Premature Birth; 346 to Teething; and

119 to Malformations, as Spina Bifida, Cyanosis, &c.

To Uterine disease and Ovarian Dropsy 80 deaths are ascribed; to Puerperal Fever or Metria 102; and to other conditions incidental to child-bed 173.

Old Age is the assigned cause of death in 1087 cases, and Atrophy

and Debility in 870.

The total deaths due to Violence number 955, or 7.7 deaths of this nature took place among every ten thousand of the inhabitants of the Eight Towns. In Greenock 5.07 per cent. of the total deaths come under this heading; in Dundee 4.18 per cent.; in Leith 4.00 per cent.; in Glasgow 3.32 per cent.; in Edinburgh 2.91 per cent.; in Aberdeen 2.54 per cent.; in Perth 2.32 per cent.; and in Paisley 1.65 per cent. 879 of those are Accidental; 65 are due to Suicide; 9 to Homicide; and 2 to Judicial Hanging. Intemperance caused 111 deaths, 21 of those being Delirium Tremens.

In the Eight Towns 71 persons died at the age of 90 and above, 20 of them being males, and 51 females; one of the latter was 101 years of age at her death.

#### MARRIAGES IN THE EIGHT TOWNS.

The marriages registered in the above Eight Towns during 1884 number 10,692, which allows of 80 marriages for every ten thousand of their inhabitants. From Table VIII. we see that the marriage rate varied much in the different Towns; thus in Glasgow it was 95 per ten thousand, in Paisley 88, in Edinburgh 81, in Dundee 80, in Perth 79, in Aberdeen 78, in Leith 68, and in Greenock but 63 for every ten thousand of its population. On comparing this Table with the one corresponding for 1883, it is apparent the marriage rate has fallen in each of these towns, with the exception of Perth, where there is a slight rise.

#### WEATHER AND ITS INFLUENCE ON THE MORTALITY.

The following remarks on the weather of 1884 are extracted from the Astronomer-Royal's Notes appended to the Monthly Reports issued by the Registrar-General:—

January was chiefly remarkable for the excessive range of its Barometric pressure, and the extra force of the wind connected therewith; remarkable also in the second degree for the prevalent West, or

Table XIV.—Meteorology of Scotland for 1884, deduced from Observations made at 55 Stations of the Meteorological Society of Scotland, the particulars for each of the Stations having been published in the Quarterly Reports of the Registrar-General; also the Number of Births, Deaths, and Marriages registered during each Month of the Year 1884.

1884.	Jan.	Feb.	Mar.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Year.
Highest Temp, in shade Lowest Temp, in do. Mcan Day Temp. Mcan Night Temp. Daily Range.	64°·0 9°·5 44°·8 35°·8 9°·0	16°-6 44°-1 34°-3	20°·0 46°·7 85°·2	21°·0 50°·6 36°·0	24°·0 56°·6 40°·5	29°·0 62°·2 46°·2	27°·0 64°·5 50°·1	82°·0 66°·5 50°·3		25°·0 58°·1 40°·7	12°8 45″8 34°6	18°·0 41°·4 32°·0	9°.5 53°.2 40°.2
Mean Temperature .	40*-3	39°-2	41**0	43*-3	48°-6	54*-2	57°-3	58°·4	54°-2	46*-9	40°-2	36*-7	46*-7
Highest Temp. in sun	90*-0	98*-0	107*-0	117**8	124*0	13 <b>9</b> °-0	126*-7	134°-5	134°-0	1170-0	89°-0	<b>7</b> 3°·0	139*-0
Lowest on grass at night	4*-5	1100	12**0	11•0	16*-0	26°·0	28°∙5	28°·0	25°.5	12°-0	80	9*.5	4°·5
Wet-bulb Temperature Dew-point Temp Humidity of Air Elastic force of Vapour	87°·1	37°-5 85°-4 87	88*-8 36*-6 86	41°·1 38°·3 82	45*·8 42*·8 81	51°-2 48°-2 80		55°-3 52°-9 83	52°·1 50°·1 87	45°·1 43°·0 87	38°·2 36°·2 87	3 <b>5°·</b> 7 33°·7 88	44°·5 42°·2 85
(inches)	-222	· <b>9</b> 07	-217	.333	.276	.839	.398	·402	.363	.278	·214	·195	•279
Number of Rainy Days Amount of Rain (inch)		15 8·84	15 8·24	12 1·31	14 3·01	9 0·87	19 4·74	12 2·47	15 2·72	16 3·46	14 3·40	17 4·58	178 39:44
Amount of Cloud Hours of Sunshine .	7·5 47	6·8 70	6·8 95	6·3 136	6·0 180	6·4 178	7·0 157	6·0 196	6·0 138	6·5 95	6·3 66	6·7 40	6·5 1598
Mean Barometer (inch)	29.772	29.750	29.798	29.872	29.867	30.013	29.869	29.931	29-905	29.929	30.062	29.661	29 86 <b>9</b>
Easterly Winds (days) Westerly Winds (days)	5 22	10 13	11 12	17 5	9 17	7 16	10 13	6 16	7 16	8 20	5 16	5 19	95 185
Births	10,553 6,452 3,518	9,709 6,104 1,521	10,627 6,559 1,640	11,075 6,420 1,900	11,640 6,545 1,051	11,182 5,786 3,722	11,155 5,964 2,580	10,450 5,663 1,492	10,689 5,928 1,657	10,999 5,860 1,648	9,987 5,898 2,273	10,975 7,949 8,059	
Daily Births Daily Deaths	340 208	385 210	348 212	369 214	374 211	373 193	360 192	337 188	356 198	354 189	833 197	354 256	852 205

rather W.S.W. direction of the wind, the heavy rainfall, the high mean temperature, and the small humidity of the air.

February was generally mild and favourable, with a high mean temperature, and if with extra rainfall, yet with drier air than usual, and if with extra wind force, still its direction preponderating from the South.

March was on the whole extremely favourable, with a high mean temperature, a fair amount of rain, wind, barometric range, and humidity, and the direction of the wind mainly southward.

April was characterised by a rather low barometric pressure with small range, rather low mean temperature, little humidity, small rainfall, little strength of wind, and that more than usually from the E.S.E.

The barometric pressure for May was less than the average, and the barometric monthly range considerably greater; and the mean temperature slightly below the average.

June was characterised by high barometric pressure, with small range, mean temperature somewhat below the average, though higher than it had been in the same month for three years previously, low humidity and small amount of rainfall.

July was characterised by a low barometric pressure, low mean temperature, rather more humidity, but much greater depth of rainfall than the average, with a greater number of days of falling, and a peculiar prevalence of south-easterly winds.

Notwithstanding several violent thunder and lightning storms, the month of August was unusually fine, the barometrical pressure above the usual height and very steady, the mean temperature higher than the average, and forming the culmination of this year's monthly

TABLE XV.—Showing the connection between certain Atmospheric Phenomena, especially Temperature, and the Deaths from certain Diseases and Classes of Disease, in Eight of the Principal Towns of Scotland, during each Month of the Year 1884.

1884.	Jan.	Feb.	Mar.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.
Mean Temperature	41*0	40*-2	41*-7	43*-9	49*-4	55*-2	58*-1	59*-1	54*-9	47*-9	41°4	37°-5
Highest Temperature	54*.5	56°·0	69°·4	68**8	75**0	83*.0	82.0	81*-0	72°·5	64.0	59°-0	55°·0
Lowest Temperature	24*0	23°0	26*-0	26.0	29*-9	87°·0	40*0	40°-0	84°·0	80°-5	15°-5	19*-8
Rainfall in inches	5.28	3.64	2.74	1.82	2.67	0.80	5.81	2.42	2.84	2.08	3.24	8.87
Easterly Winds (days) .	5	12	12	21	10	11	13	8	9	8	5	7
Westerly Winds (days) .	23	18	18	4	18	14	18	18	16	23	18	20
Total Deaths	2414	2282	2363	2513	2511	2272	2367	2148	2315	2323	2472	3248
Daily Deaths	78	79	76	84	81	76	76	69	77	75	82	105
Miasmatic Diseases	372	345	347	428	420	889	899	477	543	492	426	564
Small-pox	-	1	1 2	6	1	2	_	_	_	_	_	_
Measles	45	44	48	62	68	71	40	30	33	i 76	103	149
Scarlatina	41	48	29	81	87	37	36	46	66	80	68	58
Diphtheria	82	25	87	29	22	27	24	19	41	40	46	88
Hooping-Cough	87	94	118	155	157	145	104	120	98	80	75	139
Croup	29	26	21	18	14	12	ii	8	21	29	28	34
All Fevers	84	42	28	85	39	21	25	24	62	66	28	54
Diarrhœa	49	86	85	57	44	36	140	206	184	87	50	86
Dysentery	2	-	8	6	1	2	8	2	8	8	2	i
Cholera	1	_	_	-	-	-	I -	8	2	i -	I -	_
Consumption	256	269	256	280	814	270	292	226	199	285	231	302
Diseases, Respiratory Organs	514	474	524	528	514	408	353	269	284	398	599	984
Heart, etc., Diseases	170	188	170	169	151	172	167	118	149	182	151	175
Brain, etc., Diseases	284	268	284	281	836	274	297	250	268	259	261	887
Premature Births	79	80	71	63	56	97	52	88	77	62	60	65
Age	105	94	80	104	79	69	84	71	72	98	77	154

mean temperature. At the same time the air was drier, the depth of rainfall less, the number of its days of falling less, the strength of wind less, and its southerly direction over northerly more than the average.

The month of September was also favourable, though not to the same high degree. The barometric pressure was high, the mean temperature 1°2 above the average, and though the number of days on which rain fell was rather greater, the amount of rainfall was less, and if the strength of the wind was greater, there was less of the northerly element in it.

October had a mild temperature, very large fluctuations in the height of the barometer, extra force of wind, and superabundant westerly direction thereof.

November was chiefly characterised by a high barometric pressure, and that having been accompanied by a prevailing direction of west wind, a rather higher mean temperature, and less of both humidity, rain-fall depth, and number of days of falling. The month was more favourable than in the average of past years.

December had rather a low barometric pressure, and was rather a cold month, but otherwise very nearly approached the average of former

years in each important climatological particular.

Tables XIII. and XIV. afford some information as to the Meteorological phenomena, as reported month by month, which had characterised the weather in the Eight Towns, Glasgow, Edinburgh, Dundee, Aberdeen, 'Greenock, Leith, Paisley, and Perth; and for comparison sake there is added a column giving the mean temperature for each month for the decennial period 1871-80. A glance at Table XIII. shows that for four of the months, April, June, July, and December, the mean temperature

Table. XVI.—Deaths, Temperature and Fall of Rain in Eight of the Principal Towns of Scotland during each Week of the Year 1884.

Week.	Week end	ing	DEATHS.		MPERATI	URE.	RAIN,	No. Week.	Week ending	Dеатня.	TEM	PERATI	URE.	RAIN,
Of W	Treyar enu		Danino.	Mean.	Highest.	Lowest.	inches	of W	n con onumg		Mean.	Highest.	Lowest.	inches
-				0	0	0					0	0	· ·	-
1	January	5	614	36.7	52.0	24.0	1.06	27	July 5	526	59.8	80.0	50.5	0.72
2	oundary.	12	534	43.6	54.1	32.0	0.87	28	12	507	61.2	75.6	50.5	2.98
3		19	532	45.5	54.4	32.5	0.16	29	19	549	59.1	73.5	42.8	1.35
4		26	485	40.6	53.0	25.0	2.07	30	26	563	54.5	66.9	40.0	0.50
5	February	2	540	36.8	48.7	27.0	1.60	31	August 2	498	57.4	74.0	40.9	0.10
6		9	597	42.8	53.8	24.0	0.60	32	9	500	59.8	78.3	46.3	0.08
7		16	504	41.5	56.0	31.0	0.83	33	16	499	62.3	81.0	47.4	1.50
8		23	545	39.8	52.0	30.9	1.35	34	23	524	60.9	78.2	45.7	0.14
9	March	1	559	36.9	48.0	23.0	0.36	35	30	503	54.8	78.5	40.2	0.73
10	100000	8	562	39.4	55.0	28.0	0.99	36	September 6	495	53.1	65.7	38.0	0.86
11		15	504	42.3	56.8	26.0	0.78	37	13	519	57.7	70.6	41.9	0.41
12		22	513	45.9	66.6	25.5	0.60	38	20	503	56.9	72.5	41.0	0.12
13		29	571	40.6	56.3	28.0	0.05	39	27	554	54.2	67.1	43.3	0.68
14	April	5	583	44.5	63.8	30.0	0.97	40	October 4	508	51.2	61.0	40.8	1.04
15		12	609	45.1	60.9	26.0	0.19	41	11	551	46.2	64.5	31.2	0.80
16		19	562	43.8	55.0	32.0	0.12	42	18	514	49.3	62.0	33.5	0.32
17	Tank in its	26	584	41.3	54.2	28.8	0.18	43	25	517	49.9	60.4	35.1	0.28
18	May	3	574	43.3	55.9	29.0	0.79	44	November 1	543	45.8	59.5	26.0	1.41
19	100	10	600	46.3	62.0	30.1	1.17	45	8	546	46.0	58.6	35.0	2.09
20		17	592	52.8	71.0	36.0	0.74	46	15	538	43.3	54.3	25.0	0.42
21		24	542	50.9	75.0	32.0	0.24	47	22	633	38.3	48.5	24.0	0.12
22		31	547	50.4	70.0	31.0	0.00	48	29	689	38.1	51.1	23.5	0.24
23	June	7	561	51.9	67.3	37.0	0.43	49	December 6	768	36.8	51.0	15.8	1.21
24	Service 1	14	548	53.9	73.1	37.0	0.21	50	13	684	42.8	52.5	33.0	1.72
25		21	510	54.9	78.0	41.0	0.05	51	20	649	37.9	55.0	28.8	1.63
26	Contract of	28	500	58.0	83.0	41.5	0.20	52	27	691	38.8	44.0	20.0	0.02
77								53	January 3	741	34.3	43.2	22.0	0.09

during 1884 is slightly under that of the mean for the same months during the 10 years; that for November it is the same; and that the mean temperature for the other months during 1884 was somewhat higher than that of the mean for the years 1871-80.

Table XV. indicates the heaviest daily death roll in these towns to have occurred during April, May, November, and particularly so during December, being closely connected with the before-mentioned meteorological conditions: it was smallest during August, July, and March. From the Table we also gain an insight as to the varying number of deaths from the more important Miasmatics, and different orders of disease, as they occur month by month in the Eight Towns.

12 deaths from Small-pox were registered during the year, 1 occurring in February, 2 in March, 6 in April, 1 in May, and 2 in June. Measles caused a rise in the mortality during April, May, and June, falling until October, increasing again greatly during November and December, when 103 and 149 deaths were due to it. The mortality

Table XVII.—Monthly Deaths at Four Periods of Life in Eight of the Principal Towns of Scotland during the Year 1884, and Proportion at each Age in every Hundred Deaths per Month.

Months.	Ac	tual Nun	nber of D	eaths in	Proportion at each Age in every Hundred Deaths per Month.					
	0-5 Years.	5–20.	20-60	60 and above.	Total Deaths.	0-5 Years.	5-20	20-60	60 and above.	Total
January	903	221	781	509	2,414	37:4	9.1	32.4	21.1	100
February	889	229	745	419	2.282	39.0	10.0	32.6	18.4	100
March	923	249	705	486	2,363	39.1	10.5	29.9	20.5	100
April	998	256	798	461	2,513	89.7	10.2	31.7	28.4	100
May	1,024	274	738	475	2,511	40.8	10.9	29.3	19.0	100
June	961	244	684	383	2,272	42.3	10.7	30.1	16.9	100
July	1.002	261	687	417	2,367	42.3	11.0	29.0	17.7	100
August	995	213	582	858	2,148	46.3	9.9	27.1	16.7	100
September	1,040	260	630	885	2,315	44.9	11.2	27.2	16.7	100
October	961	260	678	424	2,323	41.4	11.2	29.2	18.2	100
November	1,094	240	710	428	2,472	44.3	9.7	28.7	17.8	100
December	1,450	274	883	641	3,248	44.6	8.4	27.2	19.8	100
YEAR	12,240	2,981	8,621	5,386	29,228	41.9	10.3	29.5	18:4	100

Table XVIII. - Months equalised to 31 Days, and Deaths at each Age corrected thereto, in order to show the relative Mortality at each Age in Eight of the Principal Towns during each Month of the Year 1884.

w.	ONTH	•					Monthly Deaths proportioned to 1000 per month			
	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,				0-5 Years.	<b>5-2</b> 0.	20-60.	60 and above.	Total.	or 12,000 per annum.
January					903	221	781	509	2,414	975
February					950	245	796	448	2,439	986
March .					923	249	705	486	2,363	955
April .					1,031	265	824	477	2,597	1,049
May .					1,024	274	738	475	2,511	1,015
June .					993	252	707	396	2,348	949
July .					1,002	261	687	417	2,367	957
August					995	213	582	358	2.148	868
September					1,075	268	651	398	2.892	968
October					961	260	678	424	2,323	939
November					1,130	248	784	442	2,554	1,032
December	•	•	•	•	1,450	274	888	641	3,248	1,312
	Ύε	AR			12,437	8,030	8,766	5,471	29,704	12,000

from Scarlet Fever fell gradually during the early months of the year, but showed a decided increase in August, and remained higher during the remaining than during the earlier months. Diphtheria followed much the same line, but fluctuated a little more. Hooping Cough gradually rose as a cause of death from January to June, and fell in the same way until December, when there was a rapid rise in the number of registrations. Croup fell steadily from January to August, when but 8 deaths are reported from it, rising again until December, when 34 are placed to its credit.

Fevers fluctuated between January and August, rising rapidly in September and October, falling again in November, but to rise in

December.

Diarrheea caused its highest mortality during July, 140 deaths, August 206, September 184, falling in October to 87, and still farther

during November and December.

Consumption, at all times causing many deaths, stood most prominently forward during April, May, June, July, and December, least so in September. Diseases of the Respiratory Organs, as Bronchitis, Pneumonia, Laryngitis, &c., being much influenced by changes of temperature and inclement weather, we find that in the colder months at each end of the year, the number of deaths from those affections are at their maximum, falling much during the warmer weather of summer and early autumn; and much the same thing happens to those suffering from Cardiac Disease and Brain affections, many of which, as Apoplexy, are due to pathological changes occurring in the blood-vessels resulting in their rupture within the brain, with destruction of its tissues and death.

So with Old Age; it is well known to the readers of obituary notices in our daily newspapers, how with an advent of cold weather the number of deaths at advanced ages markedly increase, which is fully borne out by an examination of such Tables as the one under consideration.

In conclusion, we would point to Tables XVII. and XVIII. as giving some idea as to the monthly mortality experienced at each of the four periods of life in those Eight Towns. This among children under 5 years of age was greatest during December, November, September, and April; it was at a minimum during January.

Adolescents suffered in greatest numbers during May and December, September and April, while during the month of August the smallest

number of deaths at ages between 5 to 20 appear in the Table.

Adults, which include all between 20 and 60, died in largest number during December, April, February, and January; their minimum being during August.

Aged persons, or those who had reached the age of 60 and above, suffered most in December, January, March, and April, and least during

August.

It is thus again seen that December, which showed the lowest range of mean temperature of the twelve months, also affords the heaviest death roll.

The mortality amongst the inhabitants of those towns month by month was greatest during December, gradually diminishing in the others as follows:—April, November, May, February, January, September, March, June, July, October, and August.

### TWENTIETH ANNUAL REPORT

ON THE

### VACCINATION OF CHILDREN

BORN IN SCOTLAND DURING 1883.

The Vaccination returns for the year 1883 show that of the 124516 children born in Scotland during that year, 108906 were successfully vaccinated, being in the proportion of 87:463 per cent. of the whole. In 1884 cases, or in 1:513 per cent., vaccination was postponed on medical

TABLE XIX.—Vaccinations in Scotland, 1873-1883, and Proportion to the Births each Year.

				Insuscep	tible of Vac	cination.		e s s d s	
Years.		Success- fully Vacci- nated.	Vaccina- tion Post- poned.	From Constitu- tional Insuscep- tibility.	From having had Small-pox.	From previous Vaccination.	Died before Vaccina- tion.	Removed from District before Vaccination, or otherwise unaccounted for.	Total Births.
1873 1874 1875\	Numbers . Numbers . Numbers .	105,177 108,022 108,096	1,118 1,229 1,211	162 206 190	39 83 1	168 205 252	10,527 11,288 11,326	2,629 2,878 2,575	119,810 123,861 123,651
1876 1877 1878	Numbers . Numbers . Numbers .	111,815 112,229 111,694	1,084 1,304 1,196	177 180 190	5 4 8	848 480 406	10,760 10,374 10,905	2,567 2,329 2,460	126,706 126,900 126,854
1879 1880 1881	Numbers . Numbers . Numbers .	111,469 109,381 111,008	1,290 1,404 1,586	180 155 150	0	849 859 852	9,999 11,016 10,587	2,492 2,359 2,594	125,782 124,674 126,277
1882	Numbers .	110,263	1,718	192	4	280	11,078	2,687	126,162
Years.	Average . Numbers .	109,916	1,308	178	9	819	10,786	2,552	125,068
1883	Numbers .	108,906	1,884	194	2	865	10,718	2,452	124,516
1873 1874	Percentage Percentage	87·786 87·213	0.980 0.992	0·135 0·166	0.033 0.027	0·136 0·165	8.786	2.194	100-000
1875	Percentage	87.420	0.979	0.154	0.001	0.204	9·114 9·160	2·323 2·082	100-000 100-000
1876	Percentage	88-248	0.816	0.140	0.003	0.275	8.492	2.025	100-000
1877	Percentage	88-438	1.028	0.141	0.008	0.378	8-175	1.885	100.000
1878	Percentage	88.049	0.943	0.150	0.003	0.820	8.596	1.939	100.000
1879	Percentage	88-621	1.026	0.148	0.008	0.277	7.949	1.981	100-000
1880	Percentage	87.734	1.126	0.124	0.000	0.288	8.836	1.892	100.000
1881	Percentage	87-908	1.256	0.119	0.000	0.279	8.384	2.054	100.000
1882	Percentage	87.399	1.358	0.152	0.008	0.555	8.776	2-090	100.000
10 Years.	Percentage	87.882	1-045	0.142	0.008	0-254	8-627	2-042	100-000
1888	Percentage	87.463	1.513	0.156	0.003	0.538	8.603	1.970	100-000

authority when the return was made up at the close of the year; 194 children, or 0·156 per cent., were certified to be unfit for vaccination from constitutional insusceptibility; 365 children, or 0·293 per cent., were insusceptible from previous successful vaccination; and 2 children were insusceptible from having already had Small-pox. 10713, or 8·603 per cent. of the children born, died before vaccination; and 2452 children, or 1·970 per cent., were removed from the district in which they were born before vaccination, or from some other cause they were unaccounted for. The number of postponed cases still continues to increase. In 1882 the number of births was 126162, and of postponements 1713, while in 1883, with 124516 births, the number of postponements was 1884, or 576 above the average for the previous ten years (Table XIX.).

Particulars relative to children who died before vaccination are omitted in Table XX., and the proportion shown of the children living at the age of six months, who were protected by vaccination. From this Table it appears that of 113803 children who were living at the age of six months, 108906 or 95.697 per cent. were stated to have been successfully vaccinated. In 1884 cases, or 1.655 per cent., vaccination was postponed. In 194 cases, or 0.170 per cent., the children were certified to be constitutionally insusceptible of vaccination; 2, or 0.002 per cent., were insusceptible from having had Small-pox; and 365, or 0.321 per cent., were insusceptible from previous successful vaccination. In 2452 cases, or 2.155 per cent., certificates of successful vaccination had not been returned to the Registrars.

Table XX.—Vaccinations in Scotland, 1873-1883, deducting from the Births those who died before they could be Vaccinated, and giving the Proportion of the Vaccinated to the surviving Births of each year.

				Insusce	ptible of Vac	cination.	Removed	
Years.		Successfully Vaccinated.	Vaccination Postponed.	From Constitu- tional Insuscep- tibility.	From having had Small-pox.	From Previous Vaccination.	from District before Vacci- nation, or otherwise un- accounted for.	Total Living.
1873 1874 1875 1876 1877 1878 1879 1880	Numbers .	105,177 108,022 106,096 111,815 112,229 111,694 111,469 109,381	1,113 1,229 1,211 1,084 1,304 1,196 1,290 1,404	162 206 190 177 180 190 180	89 88 1 5 4 8 8	163 205 252 348 480 406 349 359	2,629 2,878 2,575 2,567 2,329 2,460 2,492 2,359	109,283 112,573 112,325 115,946 116,526 115,949 115,783 113,658
1881 1882	Numbers . Numbers .	111,008 110,268	1,586 1,718	150 192	0 4	352 280	2,594 2,687	115,690 115,089
10 Years.	Average .	109,916	1,308	178	9	319	2,552	114,282
1888	Numbers .	106,906	1,884	194	2	365	2,452	113,803
1878 1874 1875 1876 1877 1878 1879 1880 1881 1882	Percentage	96·243 95·958 96·225 96·487 96·312 96·313 96·274 96·227 95·953 95·807	1.018 1.092 1.078 0.892 1.119 1.081 1.114 1.235 1.371 1.488	0·148 0·183 0·169 0·153 0·154 0·164 0·136 0·130 0·167	0-036 0-029 0-001 0-004 0-003 0-003 0-003 0-000 0-000 0-004	0-149 0-182 0-224 0-300 0-411 0-350 0-801 0-316 0-304 0-243	2·406 2·556 2·293 2·214 1·999 2·122 2·152 2·156 2·276 2·242 2·291	100·000 100·000 100·000 100·000 100·000 100·000 100·000 100·000 100·000
1888	Percentage	95.697	1.655	0.170	0.003	0-321	2-155	100-000

TABLE XXI.—Deaths	from	Small-pox	in	Scotland,	1855-18	88.
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	<u> anno anno anno anno anno anta de trato de trato</u>						
YEARS.	Small-pox Deaths.	Years.	Small-pox Deaths.				
1855	1,309	1870	114				
1856	1,806	1871	1,442				
1857	845	1872	2,446				
1858	332	1873	1,126				
1859	682	1874	1,246				
1860	1,495	1875	76				
1861	766	1876	39				
1862	426	1877	38				
1863	1.646	1878	4				
1864	1.741	1879	8				
1865	383	1880	10				
1866	200	1881	19				
1867	100	1882	3				
1868	15	1883	12*				
1869	64	1884	24*				

<sup>\*</sup> For 1883 and 1884 the Small-pox Deaths are estimated from the ascertained Small-pox Deaths in Eight of the Principal Towns, as compared with the Total Small-pox Deaths in all Scotland during the Twenty Years 1855-1874.

Table XXII.—Small-pox Deaths in Eight of the Principal Towns of Scotland at different Ages in 1884, also during the Ten Years 1865–1874, compared with those of the Ten Years 1865–1864, in the same Towns before the Vaccination Act came into operation.

	Small-pox	DEATHS, 1884.		DRATHS, 1874.	Small-pox Draths, 1855–1864.			
AGES.	Number.	Percentage at each age.	Number.	Percentage at each age.	Number.	Percentage at each age.		
0-5 5-20	3 3	25·00 25·00	1039 1059	28·41 28·96	4062 660			
20-60 60 and above	5 1	41·67 8·33	1519 <b>4</b> 0	41·54 1·09	687 6	12.67 0.11		
Total	12	100.00	3657	100.00	5415	100.00		

In Table XXI. is given the number of Small-pox deaths for each year from 1855 to 1884, the numbers for the last two years being estimated. In 1884 Small-pox caused 12 deaths in Glasgow, these being the only deaths from this disease in any of the towns for which particulars are given in the Registrar-General's Monthly Reports.

I have the honour to be,

SIR,

Your most obedient Servant,

R. J. BLAIR CUNYNGHAME, M.D.

STATISTICAL DEPARTMENT, 17th March 1885.

# I.—BIRTHS REGISTERED IN SCOTLAND DURING EACH MONTH OF THE YEAR 1884.

	A.	Revised Popula- tion at	pula- n at															
		date of Census 1881.	Jan	Feb	Mar A	Apr	May	ay Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total Births,	Males.	Fem.	Total Illegit Births
1	SCOTLAND, .	3,735,573	10553	9709	10627	11075	11640	11182	11155	10450	10689	10999	9987	10975	129041	66863	62678	1046
	GROUPS OF DISTRICTS.																	
ıl:	PRINCIPAL TOWN DISTS	1,412,530	4528	4105	4468	4778	4891	4867	4661	4211	4471	4635	4088	4539	54242	27990	26252	406
4	LARGE TOWN, ,,	388,797	1192	1049	1205	1253	1289	1233	1328	1229	1186	1211	1123	1254	14552	7388	7164	97
i	SMALL TOWN, ,,	791,250	2186	1998	2252	2306	2467	2435	2246	2251	2371	2295	2205	2368	27380	14074	13306	218
	MAINLAND-RURAL,,,	1,012,602	2380	2286	2475	2511	2757	2435	2574	2474	2403	2542	2294	2511	29642	15291	14351	305
1	INSULAR-RURAL, ,,	130,388	267	271	227	227	236	212	346	285	258	316	277	303	3225	1620	1605	18
1	DIVISIONS.																	1
L	NORTHERN;	123,984	217	225	220	245	219	214	289	274	274	313	255	280	3025	1495	1530	24
2	NORTH-WESTERN, .	165,850	363	368	352	338	314	326	415	327	346	374	342	380	4245	2189	2056	26
3	NORTH-EASTERN, .	418,250	1129	1032	1128		1257			1174	1157	1161	1082	1246	13818	7220	6593	
4	EAST-MIDLAND,	602,421	1534	1410	1533	1581	1711	1652	1600	1543	1623	1738	1534	1745	19204	9903	9301	160
5	WEST-MIDLAND, .	283,460	724	695			838	778	1			798	766		9308	4767	4541	58
6	SOUTH-WESTERN, .	1,385,447			1		5061	4926		4442			4199		55362	28379	26983	362
7	SOUTH-EASTERN, .	546,658	1498	1361	1553	1609	1642	1607	1570	1443	1530	1569	1355	1	18255	9407	8848	141
8	SOUTHERN,	209,497	501	440	443	466	598	492	501	494	463	496	454	481	5829	3003	2826	75
			-															
1	I. NORTHERN.		1															
1	Shetland,	29,70		49	53		48	40	75	78	68	82	58	70	725	379	346	1
2	Orkney,	32,04- 39,859			60 70						65 98		66	64 95	748		395	
3 4	Caithness,	22,37			37								96 35	51	1033 519		503 286	
	II. NORTH-WESTERN.		1															
5	Ross and Cromarty,	79,463 86,383				168 170								172 208	1993 2252		973 1083	
	III. NORTH-EASTERN.	0.04		10	10	70	00	0.5			0.			00			***	
7 8	Nairn, Elgin (or Moray), .	8,84° 45,108						35 126	130			24 111	17 112	26 139	236 1453	$\frac{126}{758}$	110 695	
9	Banff,	59,78	174	132	151	185	190	185	146	173	196	193	153	202	2080	1057	1023	3
10		269,04° 35,46			765			763						791 88	8935 1109		4254 511	
	IV. EAST-MIDLAND.																	
12		268,65	714	686	692	749	815	775	722	736	744	879	730	812	9054	4722	4832	8
13		130,28												343 500	3511			3
14		172,13 7,83			437									15	5636 197		2781 86	
16	Clackmannan,	24,02	5 59	46	65	67	74	71	68	65	74	72	70	75	806	405	401	
	V. WEST-MIDLAND.		1															
17		106,88 78,18												321 216	3835 2935		1918	
19	Argyll,	80,76	1 168															
20	Bute,	17,63	4 40	39	24	41	42	28	47	37	45	37	33	36	449	233	216	3
	VI. SOUTH-WESTERN.																	
$\frac{21}{22}$		225,61 217,63						728 691										
23		942,20									615 3223						3800 19065	
	VII. SOUTH-EASTERN.														1			
24	Linlithgow,	44,00	154	121	164	188	164	163	157	160	155	161	162					
$\frac{25}{26}$	Edinburgh,	388,83 38,51	6 1035 0 99				1129							1103	13027 1098			
27	Berwick,	35,27	3 87	66	88	91	103	81	7.5	80	70	99	56	72	968	503		
28 29	C-Het-l-	13,68 26,34													389	197	192	2
-		20,04	1 30	03	10	1 "	01	10	10	11	64	14	61	04	877	437	140	1
30	VIII. SOUTHERN.	52,59	2 115	104	112	101	150	136	118	100	110	100	114	110	1470		mp.	
31	Dumfries,	76,16	7 190	150	161	161	233	174	196									
32		42,29					117		111	104	89	81	81	92	1149	600	549	1
20	Wigtown,	38,44	9	90	82	88	98	98	81	88	94	90	86	106	1079	564	515	1

II.—DEATHS
REGISTERED IN SCOTLAND DURING EACH MONTH OF THE YEAR 1884.

			Revised Popula- tion at	_							DEA	THS						
			date of Census 1881.	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total Deaths	Males.	Fem.
1	SCOTLAI	ND,	3,735,573	6452	6104	6559	6420	6545	5786	5964	5663	5928	5860	5898	7949	75128	37587	3754
	GROUP OF DISTRI	-															,	
1	PRINCIPAL TOWN D	ISTRICTS.	1,412,350	2839	2679	2809	2999	9941	9674	9740	9519	9710	9790	9900	97.07	34231	17170	1000
2	LARGE TOWN	.,,	388,797				733						602	1	200		17172	
3	SMALL TOWN	"	791,250					1000								8249 14908	4044	420
4	MAINLAND-RURAL	,,	1,012,788														7409	749
5	INSULAR-RURAL	,,	130,388			162		139		1 1 1 1		-	153		100	15790 1950	8013 949	100
	DIVISIO	NS.																
1	NORTHERN, .		123,984	148	174	166	135	165	147	132	136	123	142	150	202	1820	875	94
2	NORTH-WESTERN,		165,856		120	250	-	234	185	1	181	172	187	208	258	2589	1275	131
3	NORTH-EASTERN,		418,250		360	621	628	632	514	539	508	540	574	567	753	7126	3590	353
4	EAST-MIDLAND,		602,421	936	100	945	1	1000	898	904	837	939	842	864	1226	11304	5525	
5	WEST-MIDLAND,		283,460			452	456	450	404	466	436	395	426	406		5319		5779
6	SOUTH-WESTERN,		1,385,447			2808	2698				2514	2623	2586		512	32378	2698	2621
7	SOUTH-EASTERN,		546,658		858	954	943	989	881	831	780	855	819	852	3493	10822	16433	1594
8	SOUTHERN		209,497	353	327	363	323	327	278	5 35	8.00	100	100		1118		5346	547
			200,101	000	021	000	020	021	210	306	271	281	284	270	387	3770	1845	192
	I. NORTHE	RN.																
1	Shetland,		29,705	39	54	36	25	36	39	24	37	23	36	46	39	434	211	223
3	Orkney,		32,044	31	47	51	31	39	38	39	41	36	39	31	57	480	229	251
4	Sutherland, .	: :	39,859 22,376		42 31	48	40 39	59 31	43 27	51 18	39 19	46 18	42 25	40 33	73 33	568 338	280 155	288 183
1	II. NORTH-WE	STERN.		-				-		10	10	10	-0	00	00	000	100	100
5	Ross and Cromarty, Inverness,	: :	79,467 86,389	113 133	105 119	111 139	118 134	103 131	86 99	100 92	83 98	76 96	81 106	95 113	117 141	1188 1401	581 694	607 707
	III. NORTH-EA	STERN.															001	
7	Nairn,		8,847	18	9	9	18	21	14	9	14	12	9	12	12	157	73	84
8	Elgin (or Moray), Banff.		45,108 59,783	71 71	74	62	67	67	42	64	57	58	47	49	87	745	392	353
0	Aberdeen,	: :	269,047	441	86 361	89 418	90	94 391	81	76 352	$\frac{64}{342}$	81 348	81 387	57 395	100 500	970 4676	495 2354	2322
1	Kincardine, .		35,465	63	56	43	49	59	40	38	31	41	50	54	54	578	276	302
1	IV. EAST-MID	LAND.																
	Forfar, Perth,		268,653	443	419	408	422	452	449	441	403	464	434	442	621	5398	2622	2776
4	Fife,	: :	130,282 172,131	198 253	195 267	182 307	190 331	195 307	$\frac{154}{257}$	194 237	146 240	175 258	$\frac{164}{207}$	152 235	240 310	2185 3209	1075 1589	1110 1620
	Kinross,		7,830	9	9	8	10	11	2	7	14	9	10	7	15	111	56	55
6	Clackmannan, .		24,025	33	38	40	32	35	36	25	34	33	27	28	40	401	183	218
7	V. WEST-MIDI	AND.	106,883	100	7.0	100	***									- 1		
8	Dumbarton, .		78,182	185 126	156 151	169 138	180 132	192 122	$\frac{147}{126}$	182 113	163 135	147 99	174 120	146 127	206 139	2047 1528	1034 777	1013 751
	Argyli, Bute,		80,761	133		124	116	114	97	124	110	113	98	102	127	1874	691	683
0			17,634	26	23	21	28	22	84	47	28	36	34	31	40	370	196	174
	VI. SOUTH-WE Renfrew.	BIERN.	005.011	460	000	101	4.5		DC 4									
1 2	Ayr,	: :	225,611 217,630	438 352		409	449 338	390	386	338	409 315	436	432		549 396	5129 4205	2540 2063	2589 2142
	Lanark,		942,206	1903	1833	1990	1911	1957	1765	1816	1790	1835	1822	1874	2548			11214
4	VII. SOUTH-EA Linlithgow,	DIERN.	44,005	00	70				00			-						1. 1
5	Edinburgh, .	: :	388,836	80 705	76 661	693	57 727	74 753	80 659	63	65 578	68 629	62	73 625	93 821	868 8101	431	437 4097
	Haddington, Berwick,		38,510	56	34	72	58	73	58	50	51	60	57	62	65	696	347	349
7 8	Peebles,	: :	35,273 13,688	52 13	42 15	59 16	28 28	30 24	36	33 12	35 17	46 18	42 13	33	52 24	497 212	237 102	260 110
9	Selkirk,		26,346	36	30	37	36	35	30	27	34	34	41	45	63	448	225	223
1	VIII. SOUTH	ERN.																
0	Roxburgh, Dumfries,		52,592	91	66	99	90	84	71	76	58	67	64	67	103	936	455	481
	Kirkeudbright, .	: :	76,167 42,290	144 67	129 59	114 79	117 63	115 66	113 46	136	119	105 48	115	108	147 64	1462 680	719	743 347
3	Wigtown,		38,448	51	73	71	53	62										0.11

# III.—MARRIAGES REGISTERED IN SCOTLAND DURING EACH MONTH OF THE YEAR 1884.

					ATION.						MAI	RRIA	GES					
	45			Census 1871	Census 1881	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Tota
1	SCOTLAND			3,360,018	3,735,573	3518	1521	1640	1900	1051	3722	2580	1492	1657	1648	2273	3059	26,0
1	GROUP OF DISTRI																	
ı	PRINCIPAL TOWN D	ISTRIC	TS.	1,194,480	1,412,350	1693	715	782	1026	497	1630	1404	733	853	816	971	1135	12,2
-1	LARGE TOWN		,	327,734	388,797	417	173	185	194	127	415	274	185	186	161	246	312	2,8
4	SMALL TOWN	,,		1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		700	289	332	358	183	743	458	302	341	332	479	639	5,1
	MAINLAND-RURAL	,,,		697,460	791,250	624	263	282	290	217	895	430	250	249	305	506	875	5.1
5	INSULAR-RURAL	"		1,008 340 132,004	1,012,788	84	81	58	32	27	39	14	22	28	34	71	98	5,1
1		vi a																
١	DIVISIO	NS.															100	
1	NORTHERN, .			127,191	123,984	81	55	43	22	36	50	31	25	34	29	88	110	6
١	NORTH-WESTERN,			166,351	165,856	94	96	7.5	59	40	79	36	23	34	62	78	156	8
3	NORTH-EASTERN,			393,199	418,250	258	125	109	114	143	441	215	133	182	191	225	461	2,5
티	EAST-MIDLAND,			559,676	602,421	682	207	216	256	159	539	432	220	239	229	345	474	3,5
5	WEST-MIDLAND,			251,088	283,460	231	96	95	111	49	242	168	98	94	85	160	204	1,6
3	SOUTH-WESTERN,			1,183,218	1,385,447	1638	667	775	975	393	1540	1219	678	753	727	931	1053	11,3
d	SOUTH-EASTERN,			475,523	546,658	429	217	235	293	190	641	399	255	267	249	337	423	3,9
ı	SOUTHERN			203,772	209,497	105	58	92	70	41	190	80	60	54	76	109	178	1,
1				200,110	200,107													,
١	I. NORTHE	RN		1														
d	Shetland,			31,608	29,705	29	22	7	3	1	2	4	4	4	12	37	41	
d	Orkney,			31,274	32,044	16	11	20	5	17	22	9	- 8	12	4	26	25	
	Caithness, .			41,011	39,859	25 11	13	7 9	9 5	13		14	10	14	8 5	19		
	Sutherland, .			23,298	22,376	11	9	9	9	,	'	*	3	1		0	14	
5	II. NORTH-WE	STERN			22.11	١										40	00	
3	Ross and Cromarty, Inverness,	:	:	82,093 84,258	79,467 86,389	44 50	48 48	44 31	28 31	16 24		17 19	18	15 19	34 28	40 38		1
1	III. NORTH-E.	STER	7		1									1				
Z	Nairn,		**	8,372	8,847	5	3	2	3	2	7	5	0	1	7	4	6	
8	Elgin (or Moray),			44,549	45,108	21	14	9	12	23		21	12	14	15	24		
9				58,883 246,298	59,783 269,047	39 180	15 86	16 70	20 69	19 92		34 138	102	34 125	35 120	25 155		1.
ĭ	Kincardine,		:	35,097	35,465	13	7	12	10	7	39	17	7	8	14	17	39	1,
Ì	IV. EAST-MI	DIAND																1
2	1 4 1 1 4 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	DLAND	•	240,049	268,653	340	96	105	131	92	249	232	112	127	128	95	219	1.5
3	Perth,			128,550	130,282	80	39	39	40	21		74	38	35	44	75		
4 5				160,924 7,918	172,131 7,330	239	64	61	74	44	138	106 12	47	70	46	146	106	1,
6		:		22,235	24,025	20	6		11	2		8	20	6		15	10	
ĺ	V. WEST-MID	LAND.								20								
7	Stirling,			93,345	106,883	120	41	40	41	17	111	72	45	32	32	61	86	
8 9	Dumbarton, .			61,116	78,182	58	29		32	12		64	31	34	28	60		
9				79,661 16,966	80,761 17,634	43 10	19	27	29 9	18		26 6	18	6	19	28 11	5	1
	VL SOUTH-W	· ·		10,000	11,001	1					-							
1	Renfrew.	ESTER	٧.	195,305	225,611	256	112	108	151	54	226	158	143	105	99	139	144	1.0
2	Ayr,		:	200,908	217,630	211	83		112		230		106			133	165	1,
3	Lanark,			787,005	942,206	1171	472	566	712	288	1084	951	429	546	534	659	744	8,
	VII. SOUTH-E.	ASTER	N.	41 070	44 005	45	1.5	10	1.7	10	4"	00	10	10	01	25	25	
Ð	Linlithgow, . Edinburgh, .	:		41,379 328,138	44,005 388,836	47 323	15 172	13 192		10 150	47	28 323						
6	Haddington, .			37,755	38,510	24	5	9	18	14	39	20	12	13	11	15	26	
78	Berwick,			36,382 12,218	35,273 13,688	21 6	12			10		15	11 5	10		11	17 10	
9	Edinburgh, Haddington, Berwick, Peebles, Selkirk,	:		19,651	26,346	8						6						
	VIII. SOUT																	
0	Roxburgh, .			48,241	52,592	26	16	25	16			20				20		
3	Dumfries,			74,842	76,167	31	15			24		31						1
2	Kirkeudbright, . Wigtown, .	:		42,087 38,602	42,290 38,602	22 26						20				28 18		
-1		-	-		1	1	1 -	1 -	1 -		1 -	- "		1 -	1 "	1	1	

#### 30 IV.—Total DEATHS from all Causes at Four Periods of

	BH STOT		A	GES.							AGE	S.	
Class.	CAUSES OF DEATH.	0-5	5-20	20-60	60, etc.	Total.	Class.	CAUSES OF DEATH.	2-0	5-20	20-60	60, etc.	Total.
	All Causes Specified Causes .	12240 12159				29228 29031	v.	1. Accident or Negligence	178	129	455	117	875
	(Classes.)							3. Homicide	5	-	4	-	9
I.	ZYMOTIC DISEASES	3943	691	657	269	5560		4. SUICIDE	-	1	50	14	6
П.	CONSTITUTIONAL,	1242	1040	2727	431	5440		5. Execution	-	-	2	-	2
III.	LOCAL ,,	4697	1083	4405	3444	13629				_	_	_	-
IV.	DEVELOPMENTAL ,,	2094	25	241	1087	3447		DEN DEATHS, CAUSE UN-	23	3	20	4	15
v.	VIOLENT DEATHS	183	130	511	131	955		SES NOT SPECIFIED	58	9	60	20	14
I.	(ORDERS.)  1. MIASMATIC DISEASES  2. ENTHETIC ,,  3. DIETIC ,,	124 61	2 3	19	6 17	151 185	I.	ORDER 1.  1. Small-pox 2. Measles 3. Scarlatina 4. Diphtheria 5. Quinsy 6. Croup	3 709 343 291 12 229	3 53 203 -81 2 22	5 1 21 4 4	1 1 4 5	1 76 56 38 2 25
	4. Parasitic ,,	19			1	22		7. Hooping-cough .	1308	63	64	1 9	137
II.	1. Diathetic ,,	31	27	478	346	882		8. Typhus Fever EntericorTyphoidF.	27	160	150	10	34
	2. Tubercular "	1211	1013	2249	85	4558		Relapsing Fever . Simple cont. Fever 9. Erysipelas	7 51	8	1 45	2 46	1 14
HI.	1. Diseases of Nervous System	1236	343	840	975	3394		10. Puerp Fever (Metria) 11. Carbuncle 12. Influenza 13. Dysentery	- 1 3 7	2 - 2	100 1 1 8	$\begin{bmatrix} \frac{1}{2} \\ 6 \\ 11 \end{bmatrix}$	10
	2. ,, of Organs of Circulation	32	135	979	711	1857		14. Diarrhea	722	42	76 1 1	120	96
	3. ,, OF RESPIRATORY ORGANS .	2688	284	1589	1238	5799		17. Remittent Fever . 18. Rheumatism . 19. Other Miasmatic Dis.	11 1 9	1 18 -	48	27	9
	4. ,, OF DIGESTIVE ORGANS .	592	143	539	309	1583		Order 2.		-			1
	5. ,, OF URINARY ORGANS .	55	82	313	159	609		1. Syphilis 2. Stricture of Urethra 3. Hydrophobia 4. Glanders	124	2 -	15 4	5	14
	6. " OF ORGANS OF GENERATION	3		61	16	80		Order 3.					77.0
	7. ,, OF ORGANS OF LOCOMOTION							1. Privation 2. Want of Breast Milk 3. Purpura and Scurvy	50 11	- 3	7	2 2	5
	8. ,, OF INTEGUMEN-		00	40	00	7.40		4. Alco- $\begin{cases} a \text{ Del. Tremens} \\ b \text{Intemperance} \end{cases}$	Ξ	-	19 77	13	9
IV.	1. DEV. DIS. OF CHIL-	58	20	49		149		ORDER 4.	16	-	_	1	1
44.	DREN	1306	3	1	-	1310		2. Worms, etc	3	-	2	-	
	2. " of Adults .	-	12	168	-	180	II.	ORDER 1.		_	2	1	
	3. ,, OF OLD PEOPLE 4. DISEASES OF NUTRI-		-	-	1087	1087		2. Dropsy	20 4 2	22 5	67 401	47 269	15 67
	4. DISEASES OF NUTRI-	788	10	72	-	870		5. Mortification	5	-	8	29	4

<sup>\*</sup> Order 2, comprising Violent Deaths in Battle, is omitted as inapplicable to the Civil Population.

# Life in Eight of the Principal Towns of Scotland—Year 1884. 31

200	ings -			AGE	S.					1	AGES	3.	
Class.	CAUSES OF DEATH.	9-0	5-20	20-60	60, etc.	Total.	Class.	CAUSES OF DEATH.	0.5	5-20	20-60	60, etc.	Total.
	ORDER 2.  1. Scrofula. 2. Tabes Mesenterica. 3. Phthisis 4. Hydrocephalus	122 315 179 595	85 91 703 134	$\frac{23}{2169}$	1	256 430 3130 742		ORDER 8.  1. Phlegmon	24 7 27	19	33 14 2		30
III.	ORDER 1.  1. Cephalitis 2. Apoplexy 3. Paralysis 4. Insanity 5. Chorea 6. Epilepsy 7. Convulsions	529 77 11 - 13 526	11 2 5 14 22	315 213 13 - 51 4	461 4 9 1	802 696 19 5 87 553	IV.	ORDER 1.  1. Premature Birth 2. Cyanosis 3. Spina Bifida 4. Other Malformations 5. Teething ORDER 2.  1. Paramenia	845 17 30 68 346	- 2 - 1 -	- 1 - - - 4	11111	845 20 30 69 346
	8. Brain Disease, etc. ORDER 2. 1. Pericarditis 2. Aneurism	4 -	20	45	9	64 57		2. Childbirth (see Puerperal Fever) ORDER 3.			164	1087	173
	3. Heart Disease, etc. ORDER 3. 1. Laryngitis 2. Bronchitis 3. Pleurisy 4. Pneumonia 5. Asthma 6. Lung Disease, etc.	80 1593 18 811 1 185	15 105 13 119	21 724 69	10 885 30 214 19	$\frac{130}{1722}$	V.	ORDER 4.  1. Atrophy & Debility ORDER 1. (ACCIDENT OF NEGLIG.) 1. Fractures & Contus.	788	10	72	_	870
	ORDER 4.  1. Gastritis 2. Enteritis 3. Peritonitis 4. Ascites 5. Ulceration of Intest. 6. Hernia 7. Ileus	87 290 31 1 2 8 24	9 40 47 3 6 2 11	62 87 13 30 20 32		421 191 25 44 50 100		2. Gunshot Wounds 3. Cut, Stab 4. Burns and Scalds 5. Poison 6. Drowning 7. Suffocation 8. Otherwise Order 3.	32 13 94 11	1 11 2 26 12 17	2 30 18 98	9 3 10 5	1 82 23 147 128
	8. Intussusception 9. Stricture of Intest. 10. Fistula 11. Stomach Dis., etc. 12. Pancreas Dis., etc. 13. Hepatitis 14. Jaundice	9 1 1 70 - 14 43	5 1 1 6 - 3 1	76 - 36 15	1 7 1 47 - 18 21	14 8 199		(HOMICIDE.)  1. Murder & Manslaug.  ORDER 4.	5	-	4	-	1
	15. Liver Disease, etc 16. Spleen Disease, etc. ORDER 5 1. Nephritis	33	7 1 —	117 12	3	197 18 		(SUICIDE.)  1. Gunshot Wounds .  2. Cut, Stab .  3. Poison .  4. Drowning .	1111	- - - 1	4 12 5 7	-	21
1	2. Ischuria 3. Bright's Dis.(Nephria) 4. Diabetes 5. Calculus (Stone) 6. Cystitis 7. Kidney Disease, etc.	-	32 7 - 2	124 29 4	4 36 9 14 24	6 200 45 18		5. Hanging 6. Otherwise ORDER 5. (EXECUTION.)	-		16 6		-6
	ORDER 6.  1. Ovarian Dropsy 2. Uterus Disease, etc.	-3	-	21 40	5 11			len Deaths (cause unscertained)	23	3	20	- 4	50
	ORDER 7.  1. Synovitis (Arthritis) 2. Joint Disease, etc	3 30	2 74		5 9		Caus	ses not specified or illerined	58	9	60		147

32 V.—DEATHS from all Causes at Four Periods of Life Year 1884.

								<u> </u>	100												
			GI	ASG	ow		1	EDI	NBU	RG	H.		D	UNI	DEE			AB	ERI	EE	N.
Class.	CAUSES OF DEATH.	0-5	5-20	20-60	60, etc.	Total.	9-0	5-20	20-60	60, etc.	Total.	9-0	5-20	20-60	60, etc.	Total.	9-0	2-20	20-60	60, etc.	Total.
	All Causes	6154	1527	4225	2022	13928	1778	449	1505	1131	4863	1348	301	873	598	3120	946	221	612	676	2455
-	Specified Causes.	6107	1521	4164	2008	13800	1768	448	1500	1129	4845	1343	301	871	596	3111	939	220	609	671	2439
	(CLASSES.)																				
I.	ZYMOTIC DISEASES	2017	402	317	109	2845	565	125	136	49	875	450	50	39	22	561	337	38	29	25	429
II.	CONSTITUTIONAL "	648	528	1315	147	2638	180	126	493	108	907	105	125	312	43	585	69	81	196	52	398
III.	LOCAL ,,	2405	503	2150	1327	6385	711	179	763	732	2385	494	112	447	365	1418	368	92	334	450	1244
IV.	DEVELOPMENTAL ,,	981	13	114	366	1474	281	3	32	221	537	241	1	26	149	417	152	3	19	132	306
v.	VIOLENT DEATHS ,,	56	75	268	59	458	31	15	76	19	141	53	13	47	17	130	13	6	31	12	62
	(ORDERS.)		407	250	00	2200															
1.	1. MIASMATIC DISEASES				99	-		124	104	40	802	422		30	21	522	308	37	24	25	394
	2. Enthetic " .	62	1		3		16	1	6	2	25	17		3	-	20	10	-	-	-	10
	3. DIETIC " .	20	-	49	7	76	14	-	26	6	46	7	1	6	1	15	10	1	5	-	16
	4. PARASITIC " .	4	_	2		6		-	_	1	2	4	-	_	_	4	9	-	_	_	9
II.	1. DIATHETIC " .	9					4	3	118	94	219	4		52	30	88	4	1	33	42	8
	2. TUBERCULAR " .	639	512	1097	34	2282	176	123	375	14	688	101	123	260	13	497	65	80	163		318
111.	1. DISEASES OF NERVOUS SYSTEM .	618	159	349	347	1473	167	57	161	224	609	129	33	91	97	350	114	28	73	119	334
	2. " OF ORGANS OF CIRCULATION	15	51	432	214	712	2	28	191	179	400	6	11	116	84	217	3	17	70	97	187
	3. " OF RESPIRATORY ORGANS .	1405	140	900	567	3012	430	43	233	222	928	289	30	147	130	596	195	24	105	154	478
	4. " OF DIGESTIVE ORGANS .	294	66	255	123	738	86	24	86	55	251	61	19	53	31	164	45	8	43	47	143
1	5. " OF URINARY ORGANS . 6. " OF ORGANS OF	36	41	145	59	281	11	10	64	41	126	3	13	26	12	54	2	8	32	28	70
	GENERATION 7. ,, OF ORGANS OF	2		24	8	34	-	-	17	3	20	-	-	5	1	6	-	-	4	2	6
	LOCOMOTION 8. , OF INTEGUMENT-	24					8		8		28	3	5	4	5	17	3	5	2	-	10
	ARY SYSTEM		10	-		04	L		-	-	20	"	1	5	5	14	6	2	5	3	16
ıv.	1. DEV.DIS.OFCHILDREN	567	1	-	-	568	210	1	-	-	211	153	_	-	_	153	101	1	1	_	103
	2. ,, OF ADULTS	-	7	1	-	85	-	1	26	-	27	-	_	15	_	15	-	1	15	_	14
	3. " OF OLD PEOPLE	-	-	-	366		-	_	-	221	221	_	_	_	149	149	_	-	-	132	132
	4 DISEASES OF NUTRI-															1				102	102
	TION	414	5	36	-	455	71	1	6	-	78	88	1	11	-	100	51	1	5	-	57

# in Eight of the Principal Towns of Scotland. Year 1884.

Γ			GRI	EEN	OCE	 L.	Ī	L	EIT	H.		1	P.	ISL	EY.	,	Ī	P	ERT	TH.		Ę
Class.	CAUSES OF DEATH.	1	8-	8-8	80, etc.	Total.	ş	25	8 8	60, etc.	Total.	g	8-3	8 8	60, etc.	Total.	ı	8,	99-92	60, etc.	Total.	Grand Total.
-	All Causes	}	172	458	226	1493	H	93	327	-	1251		-	483	288	1509			-	<u> </u>	609	29228
	Specified Causes .	634	170	450	226	1480	588	93	327	246	1249	<b>61</b> 0	175	431	287	1508	176	41	189	199	604	29031
	CLASSES.)	-										<del> </del>										 
L.	ZYMOTIC DISEASES	154	18	84	11	217	182	20	37	20	259	192	31	51	21	295	46	7	14	12	79	<b>55</b> 60
II.	CONSTITUTIONAL ,,	71	62	140	21	294	92	85	98	25	250	58	74	121	18	271	19	9	52	17	97	5440
III	LOCAL "	262	1	216	189		191	88	155	150	529		60	282	154	641		22	108	127	828	13629
IV.	DEVELOPMENTAL "	130	2	13	50	195		-	12	38		160	8	17	91	271	88	-	8	40	86	3447
٧.	VIOLENT DEATHS ,,	17	6	47	5	75	7	5	25	13	50	5	7	10	8	25	1	8	7	3	14	957
1		$\vdash$	-		$\vdash$	$\Box$	<u> </u>		_	-			$\vdash$	<u> </u>	-			$\vdash$	$\vdash$	_	-	-
1	(ORDERS.)																					
1	1. Miasmatic Diseases .	147	18	29	11	205	168	19	32	18	287	185	81	48	19	278	44	7	11	12	74	5202
	2. Enthetio ,, .	4	-	1	-	5	10	-	-	-	10	8	-	2	1	đ	2	-	-	-	2	151
	3. Dietio "	3	-	4	-	1	8	1	5	2	11	4	-	6	1	11	-	-	8	-	8	185
	4. PARASITIO ,, .	-	-	-	-	-	1	-	-	-	1	-	-	-	-		-	-	-	-	-	22
			_																			
П.	1. DIATHETIC ,, .	6	8	21	17	47	2	- 85	18 80	20 5	40 210	2	72	11 110	15	30	-	9	45	15	22 75	882
	2. Tubercular ".	65	59	119	4	247	90	85	80	•	310	56	12	110	3	241	19	•	40		78	4558
III.	1. Diseases of Nervous System	92	29	47	36	204	38	7	84	53	132	51	24	59	56	190	97	6	26	43	102	889
	2. " OF ORGANS OF		10	58	42	,,		5	47	87	92		8	38	22	63		5	32	36	78	1857
	CIRCULATION .  8. , OF RESPIRATORY	8	10	00	*2	118	8	•	"	"	"1	-	°	*	22	00		٠	03	90	"	1001
	ORGANS	123	19	62	41	245	94	12	39	37	182	116	9	84	52	261	36	7	19	85	97	5799
	4. " of Digestive Obgans	28	9	25	13	75	47	4	23	15	89	24	10	36	16	86	7	8	18	9	87	1583
	5. , OF URIMARY		7	16	5	29	,	1	7	7	16	1	,	14	5	21		1	,	2	19	609
	ORGANS 6. ,, of Organs of	1					1		١		- 1	1	1	3			-		8			
	GENERATION . 7. "OF ORGANS OF	1	-	3	-	1				-	2				1		-	-		1	1	80
	LOCOMOTION .	5	6	2	-	18	8	4	1	-	8	1	6	2	1	10	-	-	1	-	1	158
	8, OF INTEGUMENT- ARY SYSTEM .	9	2	8	2	16	5	-	2	1	8	2	2	1	1	đ	1	-	-	1	3	149
	ŀ		-	$\dashv$	-	-	-		$\dashv$	-	┪	$\dashv$	-	-	-	-	$\dashv$	$\dashv$	-	-	$\dashv$	
IV.	1. Dev. Dis. of Children	66	-	-	_	66	69	-	-	-	69 1	115	-	-	-	115	25	-	-	-	25	1810
1 1	2. ,, of Adults .	-	1	9	-	10	-	-	7	-	7	-	2	14	-	16	-	-	6	-	6	180
	3. " OF OLD PROPLE.	-	-	-	50	50	-	-	-	88	88	-	-	-	91	91	-	-	-	40	40	1087
	4. DISEASES OF NUTRI-	64	1	4	-	69	42	-	5	-	47	45	1	8	-	49	18	-	2	-	15	870
$\sqcup$				!		L	. 1	_!	1	1				!			!		!	!		

C

#### DEATHS from all Causes at Four Periods of Life Year 1884.

																			-1-		
Class.	CAUSES OF DEATH.		GL4	LBG(	w.		E	DIN	IBU:	RGI	<b>I</b> .		DŪ	ND:	EE.			ABE	RDI	SEN	.
5		į	2-30	30-60	60,etc.	Total.	9-0	5-30	90-60	60,etc.	Total.	9-0	5-30	20-90	60 etc.	Total.	9-0	2-30	30-60	60,etc.	Total.
۷.	1. ACCIDENT OR NEGLIGENCE	55	75	252	58	485	80	14	56	17	117	<b>5</b> 3	18	43	15	194	12	6	26	9	53
	8. HOMIGIDE 4. SUIGIDE	1 - -		1 15 -	6 -	2 21 -	1 - -	- 1 -	2 16 2	- 2 -	8 19 2			- 4 -	- 2 -	- 6 -	1 - -	-	- 5 -	3 -	1 8 -
ס	DDEN DEATHS, CAUSE MASCERTAINED.	20 27	2 4	18	8	43 85	- 10	- 1	- 5	- 2	- 18	1	-	- 2	- 2	1 8	1 6	1 -	- 8	1	8
I.	ORDER 1.						-			-		-									
	1. Small-pox 2. Measles 3. Scarlatina 4. Diphtheria 5. Quinsy 6. Croup 7. Hooping-cough Typhus Fever 8. Enteric or Typhoid F Relapsing Fever Simple con. Fever 9. Erysipelas 10. Puerp. Fev. (Metria) 11. Carbuncie 12. Influenza 13. Dysentory 14. Diarrhoa 15. Cholera 16. Ague 17. Remittent Fever 18. Rheumatism 19. Other Missmatic Dis.	5 29 -1 1 8 846 2 -4 1	164 36 1 10 38 4 92 - 4 4 - - 1 20 2 1 4	5 - 112 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1 8 2 5 8 20 - 1 4 8 49 8 - 8	12 353 421 174 14 91 747 82 199 79 42 2 5 11 449 4 1 5 84 6	80 48 31 2 88 83 248 - 5 - 1 1 85 - - 2	7 28 19 -7 12 1 85  1 2 2  1 10  6	1 7 2 - 16 82 - 8 14 1 1 - 2 10 - - 11	1 10 - 1 18 4 -	-888 73 53 240 260 19 74 -1 11 6 123 - 2 21 -	79 8 51 - 29 104 - - 1 188 - - 1 1389 - 1	12 1 8 - 4 2 9 - 1 7 5	- - - - - - - - - - - - - - - - - - -	1 1 1 1 1 1 2 4 4	91 9 59 109 2 13 - 2 102 2 168 1 13 1	92 7 98 26 117 1 1 - - 1 25 - 8	3 2 10 1 2 5 2 9 - - - - - 1	5 6 - 1 3 8 3 - 1 1 4	- - - 1 1 - - - - 2 - - 2 1 10 - - - - - - - - - - - - - - - - -	95 9 88 4 28 122 8 19 - 3 7 3 - 3 2 2 86 - 3 11 8
	ORDER 2.  1. Syphilis 2. Stricture of Urethra 3. Hydrophobia 4. Glanders	62	1 -	4 8 -	- 8 - -	67 6 -	16	1	6 -	1 1 -	24 1 -	17 - -	= =	8 -	  -  -  -	20	10 - - -		=======================================	 - - -	10 - - -
	ORDER 3.  1. Privation 2. Want of Br. Milk 3. Purpura & Scurvy 4. Alco- fa. Del. Tre. holism (b. Intemp.	18		- - 4 4 41	2 5	- 18 8 4 46	- 8 6 - -	-	- 1 8 17	- - - 6	- 8 7 8 28	- 6 1 -	- 1 -	- - 2 4	- - - 1	- 6 2 2 5	- 8 2 -	- 1 -	- - 2 8		- 8 8 2 3
11.	ORDER 4.  1. Thrush 2. Worms, etc	8	=	- 2	=	8 8	ī	=	=	1 -	1 1	8 1	=	=	=	8 1	9 -	=	=	-	9 -
	1. Gout	!	18 3 -	40 177 -	28 88 - 2	81 269 1 5	- 2 1 1 -	3 -	2 8 105 - 3	1 6 76 - 11	3 19 182 1 1 14	- 2 - 2	- 1 1 - -	7 44 - 1	- 8 22 - 5	13 67 - 8	- 9 1 - 1	- - 1 -	- 4 28 - 1	7 83 - 2	13 63 - 4

#### in Eight of the Principal Towns of Scotland. Year 1884.

_		7	GRI	EN	0CK			L	RIT.	H.			PA	ISL	EY.			P	ERT	H.		Total.
Class	CAUSES OF DEATH.	9-0	6-30	<b>3</b>	60,etc.	Total.	ş	5-20	20-60 20-60	60,etc.	Total.	j	6-20	20-60	60,etc.	Total.	ŗ	25.20	20-60	60, etc.	Total.	Grand Total
v.	1. ACCIDENT OR NEGLIGENCE  . 3. HOMICIDE	15 2	6	<b>43</b>	5	<b>68</b>	7	5	21	12	45		7	,	8	24	1	3	6	3	18	879 9
	4. SUICIDE 5. EXECUTION	-	-	-	-	4	- -	-	-	1	5 -	-	-	1 -	-	1 -	-	-	1	1	1 -	65 2
C	ODEN DEATHS, CAUSE NASCERTAINED	- 8	- 2	1 2		1	1		-	1	1	- 1	- 2	- 2	-	-	1	-	1	1 , 1	1	50 147
	1. Small-pox 2. Measles 3. Searlatina 4. Diphtheria 5. Quinsy 6. Croup 7. Hooping-cough Typhus Fever Enteric or TypholdF 8. Relapsing Fever 9. Erysipelas 10. Puerp. Fev. (Metria) 11. Carbucle 12. Influenza 13. Dysentery 14. Diarrhea 15. Cholera 16. Ague 17. Remittent Fever 18. Rheumatism 19. Other Miasmatic Dis.	- 5 12 22 22 - 13 50 2 2 43 	51 - 41 4 8	45	3	5 17 23 13 54 5 9 - 7 9 - 1 158 - 4 -	-50 10 6 -1 440 1 2 6 6 1 1 7	131 - 1	14 1 - 3 4 4 5 4 4	111	51 14 7 15 423 5 1 13 4 1 7 7	72 18 14 - 25 22 - - 1 31 -	848-22-8-121	16 	1 1 2 - 2 11 - 1 - 1	-181 222 177 -274 225 -24 414 45 22 22	5 8 13 	1111	1111	1 1 4 1		12 764 567 880 231 1372 93 347 -18 149 109 28 960 6 6 1 12 94 10
	ORDER 2.  1. Syphilis 2. Stricture of Urethra 3. Hydrophobia 4. Glanders	4		ī -		1 -	10 - - -	-			10 - - -	8 -	-	3	- - -	5 1 -	2 -				2 -	142 9 - -
	ORDER 8.  1. Privation .  2. Want of Br. Milk .  3. Purpura & Scurvy .  4. Alco · fa Del. Tre. holism · b Intemp.	- 3 - -		- 1 1 2		- 8 1 1 2	3 -	- 1	1 1 1 2	- - 2	1 3 2 3 2	4	-	- - 1 5		- 4 - 1 6	-	- - - -	3	-	- - - 3	1 50 23 21 90
17	ORDER 4.  1. Thrush 2. Worms, etc.	-		-	-	-	1 -	-	-	-	1 -	-	-	-	-	-	-	-	-	-	-	17 5
II.	ORDER 1.  1. Gout	- 5 1 -	3 -	3 16 - 2	- 1 18 - 3	12 30 -	2		3 15 -	- 8 15 - 2	- 8 30 - 2	- 2 - -	- - - -	- 9 -	- 2 11 - 2	- 8 20 - 2	-	-	7 -	- 2 11 - 2	- 2 18 - 2	8 156 679 2 42

\* See note on page 30.

#### DEATHS from all Causes at Four Periods of Life Year 1884.

							Dai	10	202	٠,											
*			GL	ASG	ow.		E	DIN	BU	RGE	r.		DU	NDI	EE.			ABE	RDI	EEN	
Class.	CAUSES OF DEATH.	9-0	5-20	20-60	60, etc.	Total.	0-5	5-20	20-60	60, etc.	Total.	0-2	2-20	20-60	60, etc.	Total.	0-5	5-20	20-60	60, etc.	Total.
	ORDER 2.  1. Scrofula 2. Tabes Mesenterica 3. Phthisis 4. Hydrocephalus	58 173 125 283	44 57 352 59	24 13 1052 8	33	127 243 1562 350	16 36 14 110	14 6 83 20	9 3 358 5	- 14 -	39 45 469 135	18 21 10 52	9 7 92 15	3 3 254 -	2 - 11 -	32 31 367 67	10 8 4 43	6 4 53 17	3 160 -	1 1 8 -	20 13 225 60
III.	ORDER 1.  1. Cephalitis	267 47 7 - 8 249 40	90 15 6 - 3 6 14 25		123 171 2 - 3	391 330 268 5 3 32 265 179	60 8 1 - 2 83 13	27 8 2 1 1 3 2 13	20 50 40 7 - 11 1 32	4 95 86 1 - 3 - 35	111 161 129 9 1 19 86 93	51 7 2 - - 63 6	20 3 2 - - 2 2 4	6 37 21 1 - 7 1 18	1 38 49 - - - 9	78 85 74 1 - 9 66 37	41 2 1 - - 63 7	12 2 1 - 2 2 9	4 22 24 1 - 7 - 15	3 54 53 1 - 2 - 6	60 80 79 2 11 65 37
	ORDER 2.  1. Pericarditis 2. Aneurism 3. Heart Disease, etc.	2 - 13	12 - 39	14 25 393		33 29 650	- - 2	2 - 26	4 11 176	- 3 176	6 14 380	- - 6	1 - 10	4 3 109	1 2 81	6 5 206	- 3	3 - 14	3 4 63	1 2 94	7 6 174
	ORDER 3.  1. Laryngitis	34 770 11 458 - 132	5 62 7 48 - 18	6 443 31 303 12 105	437 12 76 3	48 1712 61 885 15 291	13 286 3 111 1 16	14 - 20 - 9	6 78 18 104 6 21	2 137 10 52 6 15	21 515 31 287 13 61	6 181 1 95 - 6	1 7 3 19	2 73 6 56 4 6	2 95 1 26 3 3	11 356 11 196 7 15	15 139 1 31 - 9	5 9 2 6 - 2	4 44 5 39 1 12	3 108 2 30 2 9	27 300 10 106 3 32
	ORDER 4.  1. Gastritis 2. Enteritis 3. Peritonitis 4. Ascites 5. Ulceration of Intestines 6. Hernia 7. Ileus 8. Intussusception 9. Stricture of Intestines 10. Fistula 11. Stomach Disease, etc. 12. Pancreas Disease, etc. 13. Hepatitis 14. Jaundice 15. Liver Disease, etc. 16. Spleen Disease, etc.	51 136 9 1 1 8 12 3 - 43 - 8 18 2 2	5 22 18 3 2 - 7 1 1 - 1 4 - 1 2 - - 1	14 32 46 12 11 13 12 - 1 2 27 - 23 5 5 3 4	6 12 12 5 1 8 8 1 1 27 7 4 28	76 202 85 21 15 29 39 5 4 4 101 - 39 27 85 6	9 52 5 - 1 - 2 2 2 - 1 5 - - - - - - - - - - - - - - - - -	1 4 10 - 2 1 2 2 1 1 1	5 9 11 3 2 6 2 3 16 3 1 21 4	2 4 7 7 - 1 6 6 9 - 1 - 4 4 - 3 5 13	17 69 33 - 7 9 19 4 8 4 25 - 6 14 36 5	10 29 3  3 2 2  8  5 1	2 3 8 - 1 - - 1 1 - - 1 1 - - 1 2	3 4 5 1 4 3 4 - 1 - 10 - 2 4 10 2	8 3 1 - 1 - 5 1 - 3 1 8 8 -	23 39 17 1 6 3 12 3 1 - 20 - 5 11 21 21	6 15 2 - - 3 - 1 - 7 - 4 5 2	3 2 1 1 1 1 1 1	3 3 7 - 4 1 5 1 - 8 - 3 1 6 1	5 4 4 2 2 3 5 5 5 7 7 2 8 2 2 2	144 28 22 77 6 14 15 22 22 22 23 14 11 11 12 13 14 14 14 14 14 14 14 14 14 14 14 14 14
	ORDER 5.  1. Nephritis 2. Ischuria 3. Bright's Dis. (Nephria) 4. Diabetes 5. Calculus (Stone) 6. Cystitis 7. Kidney Disease, etc.	24 -6 -1 5	13 - 14 3 - 1 10	15 1 60 11 2 12 44	3 2 12 4 2 11 25	55 3 92 18 4 25 84	4 - 1 - - 6	1 -6 1 - - 2	5 1 20 7 1 4 26		16 2 35 9 8 8 48	-	4 - 5 2 - 1 1	2 - 17 1 - 1 5	1 - 2 1 1 1 6	8 -24 4 1 3 14	811111	1 - 4 3	5 -7 4 -2 14	1 1 9 1 4 3 9	20
	ORDER 6.  1. Ovarian Dropsy 2. Uterus Disease, etc	- 2	-	8 16	2 6	10 24	1.1		7 10	2	9 11		-	1 4	1	1 5	-		1 3	- 2	
	ORDER 7.  1. Synovitis (Arthritis) . 2. Joint Disease, etc.	1 10	1 35	20	2 2	4 67	7	1 13	- 3	2 2	3 25	- 3	- 5	- 4	1 4	1 16	- 3	5	1 1	-	-

## in Eight of the Principal Towns of Scotland. Year 1884.

											••											
	1		GR:	REN	10C1	K.		I	RIT	TH.			P	AISI	LEY			P	ER'	ГH,		ië.
Class	CAUSES OF DEATH.	j	6-20	20-60	60, etc.	Total.	j	2-30	20-60	60, etc.	Total	j	6-20	80-60	60, etc.	Total.	j	6-20	30-60	60, etc.	Total.	Grund Total,
	ORDER 2.  1. Scrofula 2. Tabes Mesenterica 3. Phthisis 4. Hydrocephalus	8 24 9 24	2 5 44 8	1 1 117 -	3 -	80	26 8	5 2 20 8	2 1 77 -	5 -	16 29 110 55	19 8	5 8 54 5	108	- 8	9 27 178 82	1 8 1 9	- 2 5 2	- 2 48 -	- 2	1 12 51 11	4::0 31:30
Ш.	ORDER 1.  1. Cephalitis 2 Apoplexy 3. Paralysis 4. Insanity 5. Chorea 6. Epilepsy 7. Convulsions 8. Brain Disease, etc.	59 6  - 18 9	20 - 1 1 - 7	8 18 14 - 1 - 6	16 16 - 1 - 8	87 40 30 1 1 2 18 25	18 8 - - 8 19 -	5 - - 1 1	7 15 7 1 - 1 - 8	1 17 31 - - 1 8	26 35 38 1 - 5 20 7	24 3 - - - 22 2	18 2 - - 1 8	4 17 18 - 7 - 18	- 18 41 - - - 2	41 85 59 - 7 23 25	14 1 - - 9 8	2 1 8	1 11 5 - 2 7	24 14 - - - 5	17 36 19 - 2 10 18	811 802 696 19 5 87 553 421
	ORDER 2.  1 Pericarditis	2 - 1	1 - 9	2 1 55	2 - 40	7 1 105	- - 8	- - 5	47	- 87	92	= =	1 7	80	22	4 - 59		14	1 1 30	36	1 2 70	64 57 1786
	ORDER 3.  1. Laryngitis	8 67 1 40 - 7	6 11 -2	1 17 1 31 8 9	26 2 7 1 5	9 116 4 89 4 28	2 58 1 32 - 6	1 6 - 1	17 5 9 2 6	21 1 8 8 4	8 95 7 55 5 17	.2 72 -38 -9	1 1 6 -	1 45 2 27 7 7	45 1 3 - 8	4 168 4 69 7 14	25 - 11 -	2 2 3	1 7 1 9	- 16 1 12 1 5	8 50 2 35 1 6	126 3307 130 1722 55 459
,	ORDER 4.  1. Gastritis 2. Enteritis 3. Peritonitis 4. Ascites 5. Ulceration of Intestines 6. Hernia 7. Ileus 8. Intussusception 9. Stricture of Intestines 10. Fistula 11. Stomach Disease, etc. 12. Pancreas Disease, etc. 13. Hepatitis 14. Jaundice 15. Liver Disease, etc. 16. Spisen Disease, etc.	4 18 3 - - 1 - - 1 1 - -	1 8 2 - 1 - 1 - 1 1 - 1 1 - 1 1 - 1	1 2 10 - 2 - 1 1 8 - 1 1 4 4	1 2 - 1 8 - 1 1 8 -	6 24 17 - 2 2 5 - - - - 8 8 8	6 25 2 - - 8 1 - 6 - 2 2	1 2	144129-1-87-	242	9 84 10 - 1 6 1 1 - 18 - - 8 10 1	13 5 - - 1 - 1 8 -	1	5 2 6 2 - 6 - 8 1 11	1 1 - 1 - 3 - 3 1 6	1 28 9 1 7 - 3 2 - 10 - 8 5 17 -	122	3 - 1 - 1 - 1 - 1 - 1 - 1	1 3 2 3 - 1 2 5 1	1	3 5 7 2 - 8 - 3 - 1 8 9 1	149 421 191 25 44 50 100 16 14 8 199 -71 80 197 18
	ORRER 5.  1. Nephritis 2. Ischuris 3. Bright's Dis. (Nephria) 4. Disbetes 5. Calculus (Stone) 6. Cystitis 7. Kidney Disease, etc.	1	4 - 1 1 - 1	8 1 - 4	- - 2 1 - 1	7 	1	1	1 - 2 3 - 1	2 - 8 2	5 5 8 - 3	1	1	2 - 5 - - 2 5	- - 1 - 8 1	8 - 6 1 - 5 6		- 1 - -	- 5 2 1 - 1	- - - 1 1	- 6 2 1 1 2	103 6 200 45 18 48 189
	ORDER 6.  1. Ovarian Dropsy  2. Uterus Disease, etc	ī	-	1 2	-	1 8	-	-	- 3	-	- 3	-	-	1 2	1 -	2 2	-	-	2 1	ī	2 2	26 54
	ORDER 7.  1. Synovitis (Arthritis) .  2. Joint Disease, etc.	2 8	- 6	2	-	2 11	- 8	-4	ī	-	-8	ī	- 6	2	- 1	10	-	=	ī	-	ī	11 147

	11 12-		GLA	sg	w.		E	DIN	BU	RGI	I.		DU	ND:	EE.		I	BE	RDI	EEN	
Class.	CAUSES OF DEATH.	0-5	2-20	20-60	60, etc.	Total.	0-5	5-20	20-60	60, etc.	Total.	9-0	5-20	20-60	60, etc.	Total.	0-5	5-20	20-60	60, etc.	Total.
7	ORDER 8.  1. Phlegmon	11 3 10	10	18 7 -	1 4 -	40 14 10	3 1 4	2 - 1	4 3 1	1 1 2	10 5 8	- 3	1	2 2 1	2 2 1	5 4 5	1 1 4	2 -	5 -	3 -	11 1 4
IV.	2. Cyanosis	355 4 18 27 163	1	11111	11111	355 4 18 28 163	148 3 5 10 44	1	11111	1 1 1 1 1	148 4 5 10 44	118 1 2 11 21	11111	11111	11111	118 1 2 11 21	59 4 2 12 24	ī	ī - -	11111	59 6 19 29
	ORDER 2.  1. Paramenia		1 6	78		1 84	-	1	2 24	-	2 25	-	-	15	-	15	-	1 -	13		13
	ORDER 3.	-	-	-	366	366	_	-	-	221	221	-	-	_	149	149	-	_	-	132	135
	ORDER 4.  1. Atrophy and Debility .	414	5	36	-	455	7,1	1	6	-	78	88	1	11	-	100	51	1	5	-	5
v.	ORDER 1.  (ACCIDENT OF NEGLIGENCE.)  1. Fractures and Contusions .  2. Gunshot Wounds .  3. Cut, Stab .  4. Eurns and Scalds .  5 Poison .  6. Drowning .  7. Suffocation .  8. Otherwise .	- 12	-	130 - 21 9 58 7 27	31 - 3 2 6 4 7	209 - 41 13 83 44 45	6 - 8 - 4 9 3	8 1 - - 1 - 4	42 - 2 2 3 - 2 5	10 - - 2 - 1 4	66 1 2 12 3 5 12 16	4 - 2 - 45 2	4 - 2 - 4 1 2	20 - - 2 3 7 1 10	10 1 - 4	38 - - 6 4 11 47 18	1 - 2 - 9 -	3 - 3	13 - - 1 2 5 - 5	5 - 2 - 1 - 1	1
	ORDER 3. (HOMICIDE.)  1. Murder and Manslaughter	1	_	1	_	2	1	_	2	_	3	-	_	-	_	1	1	_	-	-	
	ORDER (SUICIDE  1. Gunshot Wounds 2. Cut, Stab 3. Poison 4. Drowning 5. Hanging 6. Otherwise	111111	1 - 1 - 1 - 1	1 5 2 1 6	3 - 3 -	1 8 2 1 9	111111	- - 1	2 2 2 2 1 5 4	1 - 1	2 3 2 2 6 4	111111	111111	3 - 1	- 2 - - -	5 - 1 -	111111		1 - 1 3 -	3 - 1 -	1
	ORDER 5. (EXECUTION.) 1. Hanging	-	-	-	-	-	-	-	2	-	2	-	-	-	-	-	-	-	-	-	
	Sudden Deaths (cause un- ascertained)	20	2	18	3	43	-	-	-	-	-	1	-	-	-	1	1	1	-	1	-
	Causes not specified or ill- defined	27	4	43	11	85	10	1	5	2	18	4	-	2	2	8	6	-	3	4	1

## in Eight of the Principal Towns of Scotland. Year 1884.

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			GRI	EEN	ock			L	EIT	H.			PA	ISL	EY.			P	ERT	H.		tal.
Class.	CAUSES OF DEATH.	0-5	5-20	20-60	60, etc.	Total.	0-5	5-20	20-60	60, etc.	Total.	0-5	5-20	20-60	60, etc.	Total.	0-5	5-20	20-60	60, etc.	Total.	Grand Total.
	ORDER 8.  1. Phlegmon	6 2 1	2 -	2 1 -	1 1 -	11 4 1	2 - 3		1 1 -	1 -	4 1 3	1 - 1	2 -	1 -	1 -	5 - 1		1 1 1	111	ī -	- 1 1	86 20 33
IV.	ORDER 1.  1. Premature Birth . 2. Cyanosis . 3 Spina Bifida . 4. Other Malformations . 5. Teething	46 - - - 20		111111		46 20	52 2 1 3 11	11111		11111	52 2 1 3 11	49 2 2 4 58	11111	11111	11111	49 2 2 4 58	18 1 - 1 5	11111	11111	11111	18 1 - 1 5	845 20 30 69 346
	ORDER 2.  1. Paramenia .  2. Childbirth (see Puerperal Fever) .	-	- 1	9	-	10		-	1 6		1 6	1 1	1	1 13	-	2 14	1 1	1 1	6		6	178
	ORDER 3.	-	-	-	50	50	-	-	-	38	38	-	-	-	91	91	-	-	-	40	40	1087
	ORDER 4.  1. Atrophy and Debility .	64	1	4	-	69	42	1	5	-	47	45	1	3	-	49	13	-	2	-	15	870
v.	ORDER 1.  (ACCDT. OR NEGLIGENCE).  1. Fractures & Contusions 2. Gunshot Wounds 3. Cut, Stab 4. Burns and Scalds 5. Poison 6. Drowning 7. Suffocation 8. Otherwise	- +	3 2 - 1	18 - - 3 - 17 2 2	3 2	26 - - 8 - 20 8 6	2 - 2 - 1 2 -	3 - - - 1 - 1	8 - - 1 7 - 5	6 - 1 - 3 - 2	19 - - 3 1 12 2 8	- - 1 - 1 - 3	5 - 1 - 1 -	5 - - 2 - 2	3	13 - - 2 - 4 - 5	1	2 1	3 - 1 - 2	1 1	6 - 2 - 3 1 1	396 1 2 82 23 147 123 105
	ORDER 3. (HOMICIDE.)  1. Murder and Mansl	2		1		3	1	1			1	1	1			1	-	-			1	9
	ORDER 4. (SUICIDE.)  1. Gunshot Wounds 2. Cut, Stab 3. Poison 4. Drowning 5. Hanging 6. Otherwise		111111	- 1 - 2 1 -	11111	- 1 - 2 1 -	11111	111111	- 1 - 2 - 1	1	1 1 - 2 - 1	111111	111111	1	11111	1	111111	11111	1	111111	- - - 1	5 21 5 8 20 6
	ORDER 5. (EXECUTION.) 1. Hanging		-	_		-	-	_	-	1		-	-	-	-		-	1	-	-	-	2
Cau	den Deaths (cause unas- ertained)	- 8	- 2	1 2	-	1 12	1	-		-	1	1	- 2	- 2	- 1	- 6	1	-	1 3	1 1	1 4	50

# 40 VI.—DEATHS from all Causes in Eight of the Principal

Class.	CAUSES OF DEATH.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Total.
	All Conses	2414	2282	2363	2513	2511	2272	2367	2148	2315	2323	2472	3248	29228
İ		2387	2265	2345	2492	2497	2264	2358	2124	2297		2461		29031
l	Specified Causes .	2001	2205	2040	2482	2487	2204	2000	2124	2281	2010	2401	3220	28031
	(CLASSES.)													
I.	ZYMOTIC DISEASES	396	363	381	453	453	411	446	500	580	523	461	593	5560
II.	CONSTITUTIONAL ,,	440	,444	445	486	522	468	534	410	397	409	401	484	5440
III.	LOCAL "	1192	1070	1176	1181	1184	1041	1039	861	938	1012	1234	1701	13629
1V.	DEVELOPMENTAL ,,	291	304	269	300	253	<b>26</b> 9	244	273	297	293	284	370	3447
v.	VIOLENT DEATHS ,,	<b>6</b> 8	84	74	72	85	75	95	80	85	76	81	80	955
		<u> </u>												ļ
1	(Orders.)						İ							ł
I.	1. MIASMATIC DISEASES	372	345	347	428	420	389	399	477	543	492	426	564	5202
	2. Enthetic ".	10	5	13	10	14	9	19	15	18	11	17	10	151
1	3. Dietio ,, .	13	12	20	14	16	11	25	8	15	18	15	18	185
	4. Parasitic ,, .	1	1	1	1	3	2	3		4	2	3	1	22
11.	1. DIATHETIC " .	83	77	59	77	73	65	82	67	79	77	68	75	882
	2. Tubercular ,, .	357	367	386	409	449	403	452	343	318	332	383	409	4558
1		_									ļ			<b> </b>
III.	1. DISEASES OF NERVOUS SYSTEM	284	268	284	281	336	274	297	250	263	259	261	337	3394
!	2. ,, OF ORGANS OF	l												
	CIRCULATION.	170	183	170	169	151	172	167	118	149	132	151	175	1857
1	3. ,, OF RESPIRATORY ORGANS	514	474	524	528	514	408	353	269	284	398	599	934	5799
	4. ,, OF DIGESTIVE ORGANS	125	120	119	111	110	118	141	148	161	140	140	150	1583
	5. ,, OF URINARY OR- GANS	58	44	47	61	50	36	48	45	48	53	53	66	609
	6. ,, of Organs of Generation .	5	13	6	6	3	7	4	12	7	5	7	5	80
	7. ,, OF ORGANS OF LOCOMOTION .	23	11	14	13	14	12	16	6	13	10	9	17	158
	8. ,, of Integumen- tary System .	13	7	12	12	6	14	13	13	13	15	14	17	149
ıv.	1. DEV. DIS. OF CHILDREN	116	116	110	108	90	137	81	119	116	97	100	120	1310
	2 ,, OF ADULTS .	14	24	14	14	15	17	6	12	21	11	15	17	180
	8. ,, OF OLD PROPLE	105	94	80	104	79	69	84	71	72	98	77	154	1087
	4. DISEASES OF NUTRITION	56	70	65	74	69	46	73	71	88	87	92	79	870
										-				

# Towns of Scotland during each Month of the Year 1884. 41

Class.	CAUSES OF DEATH.	January.	February.	March.	April.	May.	June.	July.	Angust.	September.	October.	November.	December.	-Total.
v.	1. ACCIDENT OR NEGLI- GENCE	62	80	70	61	76	68	91	72	81	69	77	72	879
	3. Homicide	1	2	-	- ]	2	-	-	1	1	1	1	-	9
	4. SUICIDE	5	2	4	9	7	7	4	7	3	6	3	8	65
	5. Execution	-	-	-	2	-	-	-	-	-	-	-	-	2
<b>A</b> .8	DEN DEATHS, CAUSE UN- CERTAINED	15 12	1 16	8 10	3 18	3 11	3	2	5 19	2 16	2	4	2 18	50 147
I.	ORDER 1.													
	1. Small-pox. 2. Measles 3. Scarlatina 4. Diphtheria 5. Quinsy 6. Croup 7. Hooping-cough 7. Hooping-cough 8. EntericoTTyphoid Fev. Relapsing Fever Simple continued Fev. 9. Erysipelas 10. Puerp. Fever (Metria)	45 41 32 3 29 87 7 27 - 19	1 44 43 25 2 26 94 11 30 - 1 12 13	2 43 29 37 - 21 118 12 14 - 2 8 9	6 62 31 29 5 18 155 19 - 1 7 5	1 68 37 22 5 14 157 17 21 - 1 16 5	2 71 87 27 12 145 3 18 -	- 40 36 24 - 11 104 5 18 - 2 7	30 46 19 - 8 120 6 17 - 1 5	33 66 41 3 21 98 2 57 - 3	76 80 40 1 29 80 2 63 - 1 13 9	103 68 46 3 28 75 3 24 - 1 10 5	149 53 38 1 34 139 10 39 - 5 23 12	12 764 , 567 380 23 251 1372 93 347 - 18 148 102
	11. Carbuncle	- 2 49	1 - 36	- 3 35	1 6 57	1 1 44	1 - 2 36	- 3 140	- 2 206	1 8 184	1 1 3 87	1 2 50	5 1 36	10 28 960
1	15. Cholera	ĭ	ī	-	- -	=	-	-	3	2	-	-	-	6
	17. Remittent Fever 18. Rheumatism 19. Other Miasmatic Dis.	3 10	i 4	10 2	11	7 2	2 7 1	4	8	- 8 -	1 4 1	6	15 2	12 94 10
1	ORDER 2.	<b>-</b>										_		
	1. Syphilis	10 - - -	5 - -	18 - - -	10 - - -	13 1 - -	9 -	17 2 -	14	17 1 - -	10 1 -	16 1 -	8 2 - -	142 9 - -
	ORDER 3.												_	
	1. Privation 2. Want of Breast Milk. 3. Purpura and Scurvy 4. Alco- {aDel. Tremens holism } bIntemperance	3 1 2 7	3 2 - 7	4 4 2 10	- 2 1 2 9	- 6 5 - 5	- 3 - 2 6	8 2 2 13	- 4 - 1 3	2 2 2 2 9	- 8 3 1 6	5 - 5 5 5	1 2 3 2 10	1 50 23 21 90
	ORDER 4.  1. Thrush  2. Worms, etc	1 -	1 -	ī	1 -	3 -	2 -	2	-	3 1	2 -	2	ī	17 5
11.	ORDER 1.  1. Gout 2. Dropsy 3. Cancer 4. Cancerum Oris (Noma) 5. Mortification	16 60 7	1 10 64 - 2	10 47 - 2	1 15 56 - 5	1 11 58 1 2	- 8 53 - 4	17 63 - 2	11 53 - 3	16 59 -	11 61 1 4	13 51 - 4	18 54 - 3	3 156 679 2 42

<sup>•</sup> See note on page 30.

# 42 DEATHS from all Causes in Eight of the Principal

Class.	CAUSES OF DEATH.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Year.
	ORDER 2.  1. Scrofula 2. Tales Mesenterica . 3. Phthisis 4. Hydrocephalus	22 25 256 256 54	18 24 269 56	21 42 256 67	28 41 280 60	23 44 314 68	32 36 270 65	29 44 292 87	18 40 226 59	17 41 199 61	18 27 235 52	16 37 231 49	14 29 302 64	256 430 3130 742
III.	ORDER 1.  1. Cephalitis	70 63 61 1 - 8 47 34	58 70 58 - 7 52 23	65 66 64 2 - 3 47 37	77 59 55 1 - 12 46 31	88 69 77 - 7 49 46	68 57 54 - 10 60 25	85 71 51 2 1 5 42 40	62 65 87 1 11 37 37	69 61 52 5 - 7 40 29	54 64 51 1 - 4 42 43	49 59 60 6 2 4 48 33	66 98 76 1 1 9 43 43	811 802 696 19 5 87 553 421
	ORDER 2. 1. Pericarditis 2. Aneurism 3. Héart Disease, etc	4 3 163	12 3 118	5 3 162	7 5 157	4 4 143	4 7 161	7 6 154	4 8 111	3 2 144	2 4 126	8 7 136	4 10 161	64 57 1736
	ORDER 3.  1. Laryngitis 2. Bronchitis 3. Pleurisy 4. Pneumonia 5. Asthma 6. Lung Disease, etc.	12 297 8 144 7	17 284 10 121 2 40	13 294 10 152 7 48	14 296 7 160 3 48	13 283 13 157 6 42	10 207 11 145 3 32	7 174 15 121 1 35	9 117 11 106 2 24	6 168 10 70 4 31	3 226 10 114 4 41	7 362 14 163 7 46	15 604 11 269 9 26	126 3307 130 1722 55 459
	ORDER 4.  1. Gastritis 2. Enteritis 3. Peritonitis 4. Ascites 5. Ulceration of Intestines 6. Hernia 7. Ileus 8. Intussusception 9. Stricture of Intestines 10. Fistula 11. Stomach Disease, etc. 12. Pancreas Disease, etc. 13. Hepatitis 14. Jaundice 15. Liver Disease, etc. 16. Spleen Disease, etc.	7 28 18 5 6 5 12 2 3 -6 4 13	11 25 18 - 2 5 5 5 1 1 1 3 13 - 6 11 18 1	11 25 14 2 3 3 9 2 - 1 17 - 9 3 19	10 222 17 6 2 7 1 1 18 - 4 5 16	5 28 16 5 5 7 4 - 1 13 - 8 5 11 2	3 33 13 3 3 9 3 1 1 18 - 5 3 19	16 41 17 3 2 5 9 1 - - 15 - 5 13 13	21 48 8 2 5 3 11 1 2 - 2 4 - 1 9 12	21 61 15 1 3 4 7 1 2 - 17 - 6 7 14 2	21 47 17 14 3 7 1 1 - 5 8 14 3	12 27 21 1 2 8 8 2 1 17 -7 9 21 8	11 36 17 2 8 2 12 1 1 1 18 - 9 8 27 2	149 421 191 25 44 50 100 16 14 8 199 71 80 197
	ORDER 5.  1. Nephritis . 2. Ischuria . 3. Bright's Dis. (Nephria) 4. Diabetes . 5. Calculus (Stone) 6. Cystitis . 7. Kidney Discuse, etc.	9 -20 4 -4 21	7 1 14 3 1 4 14	7 1 16 5 3 2 13	9 1 15 2 - 9 25	10 - 13 4 3 4 16	7 15 - 2 2 10	6 1 20 3 3 4 11	9 1 10 5 - 4 16	8 1 22 3 2 1 11	12 10 5 2 5 19	12 20 3 2 5 11	7 25 8 - 4 22	103 6 200 45 18 48 189
	ORDER 6.  1. Ovarian Dropsy 2. Uterus Disease, etc	2 3	5 8	2 4	1 5	3 -	3 4	1 3	3 9	2 5	2 3	1 6	1 4	26 54
	ORDER 7.  1. Synovitis (Arthritis).  2. Joint Disease, etc.	1 22	11	- 14	13	1 13	1 11	1 15	1 5	1 12	1 9	- 9	4 13	11 147

# Towns of Scotland during each Month of the Year 1884. 43

Class.	CAUSES OF DEATH.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Total.
	ORDER 8.  1. Phlegmon 2. Ulcer 3. Skin Disease, etc	7 4 2	5 1 1	4 6 2	9 1 2	4 2 -	5 2 7	7 3 3	6 2 5	8 2 3	8 2 5	11 1 2	12 4 1	86 30 38
IV.	ORDER 1.  1. Premature Birth 2. Cyanosis 3. Spina Bifida 4. Other Malformations 5. Teething	79 2 3 6 26	80 1 2 7 26	71 3 2 7 27	63 2 3 2 38	56 - 3 9 22	97 2 6 3 29	52 - - 8 21	83 3 1 6 26	77 2 3 4 30	62 1 2 4 28	60 2 2 7 29	65 2 3 6 44	845 20 30 69 346
	ORDER 2.  1. Paramenia 2. Childbirth (see Puerperal Fever).	14	1 23	1	1	1 14	1 16	- 6	- 12	1 20	1 10	- 15	- 17	7 178
	ORDER 3.	105	94	80	104	79	69	84	71	72	98	77	154	1087
	ORDER 4. 1. Atrophy and Debility	56	70	65	74	69	46	73	71	88	87	92	79	870
₹.	ORDER 1.  (ACCIDENT OF NEGLIGENCE)  1. Fractures & Contusions 2. Gunshot Wounds 3. Cut, Stab 4. Burns and Scalds 5. Poison 6. Drowning 7. Suffocation 8. Otherwise	30 - - 8 1 11 5 7	40 - - 7 4 14 6 9	33 - 7 2 7 14 7	30 - 5 1 9 7	34 - 1 5 1 17 13 5	33 - 7 1 8 9	33 - 1 8 3 19 17 10	37 1 - 3 1 19 4 7	33 - 7 1 18 9 13	35 - 8 2 11 8 10	31 	27 - 9 4 6 15	396 1 2 82 23 147 123 105
	ORDER 3. (HOMICIDE.)  1. Murder&Manslaughter	1	2		_	2	_	-	1	1	1	1	-	9
	ORDER 4. (SUICIDE.)  1. Gunshot Wounds 2. Cut, Stab 3. Poison 4. Drowning 5. Hanging 6. Otherwise & undefined	- - 1	1 1 - - -	1 1 1 - 1	5 - - 3 1	1 1 - 3 1 1	- - 2 4 1	- 3 - - 1	- 1 - 1 3 2	1 1 1	1 5 - -	- 1 1 1	- 3 1 4	5 21 5 8 20 6
	ORDER 5. (EXECUTION.) 1. Hanging	-	_	_	2	-	_	-	_	-			<u></u>	2
	den Deaths (cause unascer- ined)	15	1	8	3	3	3	2	5	2	2	4	2	50
	ses not specified or ill- fined	12	16	10	18	11	5	7	19	16	8	7	18	147

# 44 VII.—BIRTHS IN EIGHT TOWNS—1884.

						M	ALE :	BIRTI	HS.					Total Male
		Jan.	Feb.	Mar.	Apr.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Births
Glasgow .		887	834	893	915	954	936	958	865	854	890	756	851	10598
Edinburgh		321	299	324	364	326	328	348	288	331	332	315	315	3891
Dundee .		219	207	214	220	237	224	229	216	248	290	230	255	2789
Aberdeen .		165	148	164	160	177	170	153	137	164	150	144	195	1927
Greenock .		124	126	114	136	127	106	122	98	150	122	108	122	1455
Leith .		98	116	95	108	93	84	98	96	96	93	83	103	1163
Paisley .		89	65	86	124	116	98	105	87	94	100	89	97	1150
Perth .		36	34	49	49	46	41	34	40	50	41	35	46	501
Total, 1884		1939	1829	1939	2076	2076	1987	2047	1827	1987	2018	1760	1984	23469
Total, 1883		2033	1685	1828	1933	2024	1842	1944	1816	1617	1906	1795	1835	22258
Total, 1882		1834	1700	2073	1848	2134	1930	1886	1747	1691	1912	1727	1795	22277
Total, 1881		1765	1674	1895	1981	2061	1935	1832	1867	1730	1876	1706	1823	22145
Total, 1880		1908	1712	2024	1953	1996	2033	1820	1776	1662	1662	1710	1761	22017
Total, 1879		1942	1697	1906	1995	1955	1838	1927	1729	1826	1831	1625	1857	22128
Total, 1878		1985	1738	1914	2067	2133	1879	2075	1765	1766	1936	1684	1786	22728

						FE	MALE	BIRT	rhs.					Total Female
		Jan.	Feb.	Mar.	Apr.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Births
Glasgew .		828	770	802	873	967	922	855	779	829	765	792	778	9960
Edinburgh		320	275	342	291	326	336	311	243	291	304	259	280	3578
Dundee .		195	176	183	214	231	267	202	197	223	235	210	220	2558
Aberdeen .		156	118	144	157	157	171	140	143	158	162	133	167	1806
Greenock		143	113	115	117	123	137	114	111	89	135	75	121	1393
Leith .		84	77	97	100	97	102	98	88	99	106	75	97	1120
Paisley .		84	79	94	93	93	65	89	71	79	110	86	92	1035
Perth .		87	38	33	46	46	28	44	26	30	49	26	49	450
Total, 1884		1847	1646	1810	1891	2038	2028	1853	1658	1798	1866	1656	1804	21895
Total, 1883		1962	1625	1712	1833	1932	1819	1791	1728	1511	1816	1640	1702	21071
Total, 1882		1851	1573	1843	1730	2088	1884	1747	1711	1627	1800	1767	1649	21270
Total, 1881		1720	1576	1766	1754	1898	1846	1756	1771	1635	1760	1617	1685	20784
Total, 1880		1773	1546	1887	1917	1944	1913	1750	1673	1587	1558	1668	1658	20869
Total, 1879		1922	1597	1893	1981	1918	1819	1936	1610	1764	1694	1557	1721	21412
Total, 1878		1912	1668	1814	1993	1925	1806	1887	1717	1620	1857	1618	1744	21561

						I	BIRTH	IS-B	OTH S	EXE	S.				Total
			Jan.	Feb.	Mar.	Apr.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Births
Glasgow .			1715	1604	1695	1788	1921	1858	1813	1644	1683	1655	1548	1629	20558
Edinburgh			641	574	666	655	652	664	659	531	622	636	574	595	7469
Dundee .			414	383	397	434	468	491	431	413	471	525	440	475	5342
Aberdeen .			321	266	308	317	334	341	293	280	322	312	277	362	3733
Greenock .			267	239	229	253	250	243	236	209	239	257	183	243	2848
Leith .			182	193	192	208	190	186	196	184	195	199	158	200	2283
Paisley .			173	144	180	217	209	163	194	158	173	210	175	189	2185
Perth .			78	72	82	95	90	69	78	66	80	90	61	95	951
Total, 1884			3786	3475	3749	3967	4114	4015	3900	3485	3785	3884	3416	3788	45864
Total, 1883			3995	3310	3540	3766	3956	3661	3735	3544	3128	3722	3435	3537	43329
Total, 1882		٠.	3685	3273	3916	3578	4222	3814	3633	3458	3318	3712	3494	3444	43547
Total, 1881	٠,		3485	3250	3661	3735	3959	3781	3588	3638	3365	3636	3323	3508	42929
Total, 1880			3681	3258	3911	3870	3940	3946	3570	3449	3249	3215	3378	3419	42886
Total, 1879			3464	3294	3799	3976	3873	3657	3863	3339	3590	3525	3182	3578	43540
Total, 1878			3897	3406	3728	4060	4058	3685	3962	3482	3386	3793	3302	3530	44278

#### VIII.—ILLEGITIMATE BIRTHS IN EIGHT TOWNS—1884. 45

			Jan.	Feb.	Mar.	Apr.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Total
Glasgow .			142	118	114	121	161	148	146	141	158	126	111	147	1633
Edinburgh			61	41	59	46	48	42	53	50	56	43	52	39	590
Dundee .			48	39	31	35	43	53	50	42	56	64	34	42	537
Aberdeen .			36	28	25	30	38	27	35	38	35	26	27	40	385
Greenock .			11	10	13	8	10	8	15	12	15	13	7	13	135
Leith .	٠	 ,	10	6	11	10	12	9	10	13	13	17	8	13	132
Paisley .			13	4	13	16	14	18	9	11	16	10	8	13	145
Perth .	•		10	8	8	8	4	5	6	6	7	9	6	5	82
Total, 1884			331	254	274	274	330	310	324	313	356	308	253	312	3639
Total, 1883	,		366	277	262	305	307	344	304	271	259	299	270	303	3567
Total, 1882			300	252	318	257	360	286	286	256	270	297	314	296	3492
Total, 1881			302	287	261	272	344	321	342	289	259	277	251	287	3492
Total, 1880			290	267	315	280	315	340	286	286	256	283	290	262	3470
Total, 1879			325	268	316	329	320	309	323	314	303	322	250	309	3688
Total, 1878			311	261	323	322	332	274	317	312	279	348	281	299	3659

## IX.-MARRIAGES IN EIGHT TOWNS-1884

				Jan.	Feb.	Mar.	Apr.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Total
Glasgow .				676	278	314	479	180	622	630	245	344	338	394	435	4935
Edinburgh				206	114	121	163	98	311	210	126	144	133	179	200	2005
Dundee .				246	72	65	95	52	129	147	65	83	93	59	98	1204
Aberdeen .				104	50	49	42	46	129	82	59	77	64	66	105	878
Greenock .				68	36	31	42	21	47	50	30	35	25	39	34	458
Leith .				43	27	32	28	20	68	48	38	33	30	36	54	457
Paisley .				74	31	32	50	14	72	40	63	21	28	46	43	514
Perth .				27	13	13	14	9	36	34	16	15	15	23	31	246
Total, 1884				1444	621	657	913	440	1414	1241	642	752	726	842	1000	10695
Total, 1883	1.			1605	572	602	934	515	1460	1289	661	711	794	950	1153	11246
Total, 1882				1528	618	630	768	531	1360	1224	709	636	839	934	983	10760
Total, 1881		1.	,	1514	506	645	662	584	1228	1085	762	705	850	984	985	10510
Total, 1880				1252	545	636	686	537	1276	1049	710	614	639	964	837	974
Total, 1879			,	1308	526	584	665	474	1254	983	635	619	636	888	897	946
Total, 1878	9			1347	548	594	701	436	1277	1131	645	704	650	842	850	972
Total, 1877				1364	570	597	776	471	1545	1246	677	639	771	948	1115	1071
Total, 1876				1479	652	622	628	519	1449	1199	689	657	796	931	1135	1075
Total, 1875				1412	588	663	664	534	1548	1192	696	673	670	1086	950	1067
Total, 1874				1462	593	687	689	438	1606	1094	671	619	678	966	989	1049

#### 46 X.—DEATHS IN EIGHT TOWNS—1884.

							M	ALE I	EAT	HS.					Total Male
			Jan.	Feb.	Mar.	Apr.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Deaths
Glasgow .			586	566	577	614	590	561	572	545	537	574	608	820	7150
Edinburgh	i		202	197	201	194	238	195	189	186	183	172	194	223	2374
Dundee .			114	112	110	107	122	141	124	129	141	123	131	176	1530
Aberdeen .			104	90	114	106	90	86	87	76	84	110	119	135	1201
Greenock .			72	66	73	71	62	53	60	48	70	58	67	63	763
Leith .			56	46	47	53	59	55	53	46	47	47	51	66	626
Paisley .			60	45	61	75	50	58	62	48	52	52	55	97	715
Perth .			22	29	29	26	33	23	31	21	21	26	21	29	311
Total, 1884			1216	1151	1212	1246	1244	1172	1178	1099	1135	1162	1246	1609	14670
Total, 1883		,	1473	1293	1459	1431	1445	1260	1055	1102	990	1069	1198	1135	14910
Total, 1882			1136	1101	1164	1144	1247	1130	1156	1053	1021	1100	1173	1469	13894
Total, 1881			1499	1179	1273	1153	1127	1058	981	1050	869	1128	1044	1180	13541
Total, 1880			1310	1139	1441	1338	1342	1202	1075	1075	1003	1131	1294	1206	14556
Total, 1879			1442	1250	1205	1239	1203	1057	981	828	932	907	938	1413	13395
Total, 1878			1376	1261	1301	1395	1210	1179	1216	1019	1005	1056	1186	1500	14704

						FER	MALE	DEA	THS.					Total Female
		Jan.	Feb.	Mar.	Apr.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Deaths
Glasgow .		536	517	546	557	575	506	552	536	542	540	586	785	6778
Edinburgh		221	217	220	263	228	200	184	132	188	199	205	232	2489
Dundee .		113	115	106	107	139	121	149	120	146	140	134	200	1590
Aberdeen .		117	89	94	117	127	94	84	82	100	96	116	138	1254
Greenock .		 55	61	56	68	52	50	71.	58	59	66	48	86	730
Leith .		56	40	43	40	55	56	57	51	63	41	41	82	625
Paisley .		67	68	60	84	69	57	67	55	61	59	71	76	794
Perth .		33	24	26	31	22	16	25	15	21	20	25	40	298
Total, 1884		1198	1131	1151	1267	1267	1100	1189	1049	1180	1161	1226	1639	14558
Total, 1883		1516	1287	1449	1418	1335	1287	1124	1102	964	1116	1148	1138	14884
Total, 1882		1220	1059	1169	1123	1213	1100	1036	1057	1009	1097	1247	1532	13862
Total, 1881		1713	1245	1312	1202	1153	1044	919	983	911	1008	1083	1135	13708
Total, 1880		1284	1210	1360	1278	1293	1082	1100	1068	1007	1131	1291	1183	14287
Total, 1879		1589	1356	1283	1238	1248	1022	998	873	856	901	895	1484	13743
Total, 1878		1382	1212	1296	1442	1190	1169	1168	1069	960	953	1226	1634	14701

					1	DEAT	HS-B	OTH	SEXE	S.				Total
		Jan.	Feb.	Mar.	Apr.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Death
Glasgow .		1122	1083	1123	1171	1165	1067	1124	1081	1079	1114	1194	1605	13928
Edinburgh		423	414	421	457	466	395	373	318	371	371	399	455	4863
Dundee .		227	227	216	214	261	262	273	249	287	263	265	376	3120
Aberdeen .		221	179	208	223	217	180	171	158	184	206	235	273	2455
Greenock .		127	127	129	139	114	103	131	106	129	124	115	149	1493
Leith .		112	86	90	93	114	111	110	97	110	88	92	148	1251
Paisley .		127	113	121	159	119	115	129	103	113	111	126	173	1509
Perth .		55	53	55	57	55	39	56	36	42	46	46	69	609
Total, 1884		2414	2282	2363	2513	2511	2272	2367	2148	2315	2323	2472	3248	29228
Total, 1883		2989	2580	2908	2849	2780	2547	2179	2204	1954	2185	2346	2273	29794
Total, 1882		2356	2160	2333	2267	2460	2230	2192	2110	2030	2197	2420	3001	27756
Total, 1881		3212	2424	2585	2355	2280	2102	1900	2033	1780	2136	2127	2315	27249
Total, 1880		2594	2349	2801	2616	2635	2284	2175	2143	2010	2262	2585	2389	28843
Total, 1879		3031	2606	2488	2477	2451	2079	1979	1701	1788	1808	1833	2897	27138
Total, 1878		2758	2473	2597	2837	2400	2348	2384	2088	1965	2009	2412	3134	29405

XI.—ABSTRACT of the METEOROLOGY in Eight Principal Towns of Scotland during the several Months

of the Year 1884.

'Mean Height above the Sea-level, 124 feet. Mean Latitude, 56° 12'. Mean West Longitude, 8° 30'.

					_	_	_			_	_		_			,—
	Pres	fean sure on re foot.	IDs.	3.43	8-01	3.07	1:31	3.00	1.38	1.47	1.23	1.65	<b>3</b> -88	305	1-96	504
İ		Calm or Variable		۰	•	-	-	-	63	1	7	8	1	1	-	22
	aln	NW		4	~	•	1	•	•	64	61	<b>C7</b>	19	•	æ	8
ł	cert	₽		18	49	*	-	80	2	9	80	80	=	1	11	2
WINDS.	blew ir ns.	SW		•	9	9	~	7	4	10	80	9	1	19	\$	8
=	ys it	<b>o</b> o		2	8	2	8	1	-	4	4	~	64	*	81	28
	Number of Days it blew in certain Directions.	SE		•	20	1	æ	4	10	4	4	4	7	~	69	8
l	E De	ម	_	-	10	*	6	۱۹	20	-	<b>®</b>	*	-	67	တ	47
ļ	ž	NE		-	~	-	*	-	8	-	-	-	1	-	3	19
		z			~	ં	a	-	2	0	•	•	61	₩.	٠,-	22
RAIN.	An	ount.	Inch.	5.23	3.64	2.74	1.82	2.67	0.80	2.81	2.43	2.84	3.08	3.24	3.87	38.66
RA.		nber of s it fell.	days.	20	11	16	23	15	-	12	7	19	91	14	18	190
*6		midity. t. 100.		88	25	33	11	76	74	81	81	\$	88	2	87	83
DEDUCTIONS Ofigisher's Tables, 2nd Edit.	in Cu	f Vapour ble Foot Air.	. E.	2.23	2.37	2.47	2.61	<b>9</b> 000	89.58	4.32	4.21	4.01	3.12	2.46	2-24	3:13
DEDUG Glaish 2nd J		ic Force apour.	inch.	-217	-202	.218	-225	.270	.827	.384	.403,	.361	-271	-213	.195	-274
fron D		w-point perature.	•	9.98	35.1	36.1	9.28	42-2	47.3	9.19	6.7.9	0.93	4.5.4	36.1	æ. 83	41.8
ETER.	Ter	Bulb, or np. of oration.		39.1	87.8	89-0	1.17	46.0	61:3	\$ <del>.</del>	9.99	52.3	45.1	28.7	85.9	7.44
HYGROMETER.	Mean	Bulb, or n Temp. f Air.		0.17	8.68	41.3	#:3	49.2	22.2	57.4	2.89	8.75	9.1	8.04	37.5	47.3
		eatest Range.		16.4	17.6	22.9	22.8	8.82	29.4	23:3	25.7	23.1	21.5	8-21	2.91	29.4
Q,	Mea R	n Daily		89 59	6.3	11.2	13.7	15.5	15.2	13-2	14.9	12-9	- <del>;</del>	10.4	9.1	12:1
SELF REGISTERING THERMOMETER.		nthly inge.		27.0	25.3	84.3	29-2	39.0	39.4	32-7	85:0	29-2	29-7	36.1	30.8	32.2
REGIE	Temp	lean erature.		41.0	40.5	41.7	43.9	49.4	25.2	1.89	29.1	6.4-9	6.2	#:#	37.5	47.5
SELF	Lov	vest in		24.0	33.0		36.0	6-62	37.0	40.0	40.0	34.0	30.2	15.5	19.8	16.5
	Hig	hest in onth.		27.2	26.0	¥-69	8.89	25.0	93-0	82.0	81.0	12.6	0.49	69.0	22.0	83.0
TER.	Мо	onthly ange.	fnch.	3-994	1.497	1-278	1.036	1.476	0.802	618-0	0.728	1.200	1.764	1.405	1.480	1.373
BAROWETER	Mea	n at 32° ea-level.	fach.	177-62	29-769	29-812	29-885	29-878	30.014	29-862	29-940	29-915	29-926	30.074	29.668	29-876
	!						-	•								
	1884.			JANUARY .	FEBRUARY .	MARCH	APRIL	MAY	JUNE .	JULY	AUGUST	SEPTEMBER .	OCTOBER.	NOVEMBER .	DECEMBER .	YEAR

# TABLE XII.

									VAC	VACCINATIONS,		1883.		
No. of Di	REGISTRATION GROTTPS	REV	REVISED POPULATION.	BIRTHS	BIRTHS, DEATHS, MARRIAGES. 1884.	S, AND	Suc		Or	Disease.	accine O		before or o	Total Bi
vision, &c.	DIVISIONS, AND COUNTIES.	Census 1871.	Census 1881.	Births.	Deaths.	Marriages.	cessfully	ccination stponed.	Small-pox.  In the ground  of constitutional susceptibility.	respect of the ildren having already had	of previous Successful accination.	d before cination.	from District Vaccination, therwise ounted for.	rths for 1883.
	SCOTLAND,	3,360,018	3,735,573	129041	75128	26061	108906	1884	194	67	365	10713	2452	124516
12245	GROUPS OF DISTRICTS. PRINCIPAL TOWNS, LARGE TOWNS, SMALL TOWNS, MAINLAND-RURAL, INSULAR-RURAL,	1,194,480 327,734 697,460 1,008,340 132,004	1,411,536 388,797 791,250 1,012,788 130,388	54242 14552 27380 29642 3225	34231 8249 14908 15790 1950	12256 2875 5156 5186 588	45259 12225 23065 26219 2138	413 139 522 504 306	65 65 65 19	00000	195 28 27 27 92	5142 1277 2090 1966 238	1076 228 428 372 348	52150 13906 26171 29148 3141
HERAPEE	DIVISIONS.  NORTHERN, NORTH-WESTERN, NORTH-EASTERN, EAST-MIDLAND, WEST-MIDLAND, SOUTH-WESTERN, SOUTH-EASTERN,	127,191 166,351 393,199 559,676 251,686 1,183,218 475,523 203,772	123,984 165,856 418,250 602,421 283,447 546,658 209,497	3025 4245 12813 19294 9308 55362 18255 5829	1820 2589 7126 11304 5319 82378 10822 3770	604 832 2597 3998 1633 11349 3935 1113	2456 3033 12027 15805 7863 47132 15260 5330	197 340 149 215 285 336 275 87	112772 1277 1277 1478 1478 1478 1478 1478 1478 1478 14	0000000	31 31 189 189 29	159 833 1065 1614 637 4943 1453 509	84 525 70 70 250 1030 1337 72	2919 4134 13333 17986 9063 53672 17368 6041
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		REGISTRATION	DISTRICTS.	I. NORTHERN DIVISION.  1. SHETLAND.  Bressay, etc.—(1) Bressay.  Delting, (2) Burra and Quarff, (2) Burra and Quarff, (3) Fair Isle,†  Fetlar, etc.—(1) Fetlar, (3) Fair Isle,†  LERWICK,—  Mid and South Yell,  Northmavine, (3) Whalsay and Skerries, (3) Whalsay and Skerries, (3) Whalsay and Skerries, (3) Whalsay and Skerries, (2) Lumasting, (3) Whalsay and Skerries, (3) Whalsay and Skerries, (3) Whalsay and Skerries, (2) Sandsting, (2) Sundsting, (2) Sandsting, (3) Papa-Stour, (4) Foula,†  Walls, etc.—(1) Walls, (2) Sandness, (3) Papa-Stour, (4) Foula,†	2. ORKNEY. Birsay (part of Harray and Birsay), Deerness, Eday and Pharay, Evie and Rendall, Firth and Stemes, Harray (part of Harray and Birsay), Holm and Paplay, Hoy and Græmsay, KIRKWALL and St Ola, North Ronaldshay, Porphir,
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ay.		ryie	II. NORTH-WESTERN DIVISION.  5. Ross and Cromarty.  Anness,  Applecross,  (2) Sheldaig,  An asteriak Parllamentary and Royal Burghs are
St. Andrews, Sanday, Sandwick, Shapinshay, Stronmess, Stronsay, Walls, etc.—(1) Walls, (2) Flotts, Westray, etc.—(2) Protts,	CALTENESS	4. SUTHERLAND.  Assynt—(1) Kirkton,  Clyne,  Creich—(2) Stoer,  Creich—(1) Bonar,  (2) Roschall,  Durness,  Eddrachillis—(1) Kinkton,  (2) Kindon (2) Kind	II. NORTH-WESTERN DIVI  5. Ross and Cromarty.  Mainland.  Applecross—(1) Applecross,  (2) Shieldaig.  An secondaling Parliamentary and Roy  An asteriek "8" is monity of the special of the second of
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St Andrews Sanday, Sanday, Sandayiek, Shapinshay, Stromess, Stromess, Stronsay, Walls, etc.	Bower, Canisbay, Dunnet, Halkirk, Keiss, Latheron, Olrig, Reay, Thurso, Watten,	Assynt—(Clyne, Creich—(EDORNOC) Durness, Eddrachil Farr—(1) Forr—(2) Golspie, Kildonan, Lairg, Loth, Rogart, Tongue,	Alness, Applect

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\* Vaccination Return not received.

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	٠	EGISTRATI DISTRICTS,	EASTERN 7. NAIRN.	Kincardine.  W 90a suprine.  (1) Cromd (2) Inverse fow 96b suprine.	•
		REGISTRATION DISTRICTS,	H-EAS 7. N	8. ELGIN (OR MORAY). y and Kincardine. (Now 90a supra.) etc.—(1) Cromdale & (2) Inversilan, c. (Now 96b supra.) ine, ine, ine, ine, ine, ine, ine, ine,	
		æ	III. NORTH-EASTERN DIVISION. 7. NAIRN. Andelach,	8. ELGIN (OR MO Abernethy and Kincardine. Alves, Bellie, Birnie, Boharm, Cromdale, etc.—(I) Cromd Dallas, Duffus, Duthil, etc. (Now 969 sup Iyke, ELGIN, New Spynie, Kinloss, Kinloss, Standrew's-Lhanbryde, Speymouth, Urguhart,	Aberiour, - Alvab, -
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AVEN	NBOS.	CLACKMANNAN.	Burgh, Landward,	DUMBARTON Cardross, Renton,
Strathmiglo, .  Torryburn, .  WEMTSS—(1) Wemyss, .  (2) BUCKHAVEN,	15. Kinboss Cleish, Fosoway and Tulliebole, Kinkoss, Crwell, Portmosk,		110 22 · · · · · · · · · · · · · · · · · ·	18. DUMBAE (1) Cardross, (2) Renton,
	and	16. ALLOA, - CLACKMANNAN, DOLLAR, - TILLICOULTRY,	V. WEST-MI  ALVA,  Baldemock, Baldemock, Balfron, Bathron, Camper, Cam	
Strathmiglo, Torryburn, WEMYSS—(1)	Cleish, Fossoway Kinross, Orwell, Portmosk	ALLOA, CLACKMA DOLLAR, TILLICOU	V. WEST.  Airth,  ALVA,  Baldenock, Baldenock, Balthemar, Bothkemar, Bothkemar, CAMPSIR,  DENNY—(I) DENNY—(I) DUNIPAGE, FINTY,  FINTY,  GARGEMORY GRANGEMORY STINTSYTH,  KILISTH,  KRIJESTH,  Larbert,  Larbert,  ST NINIANS ST NINIANS ST NINIANS STRIKLING,	Arrochar, Bonnill, Cardross-
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	Total Births for 1883.			151 638 16 380 15 251 251 393 34 14	18955816783 <u>48</u> 8875 <b>844527-148788</b>
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	BIRTHS, DEATHS, AND MARRIAGES. 1884.		Маттіадев.	110 411 50 83 83 84 44 74	1201108888884748060005 <b>81</b> 81
DWANG 2			Deaths.	254 234 234 234 234 207 111 148	23852408872388320847708888844
PIRTE			Births.	149 702 222 223 238 13 13 404 404 27 27 27 27 27 27 27 27 27 27 27 27 27	3222222222222222222222222222222222222
	REVISED POPULATION.		Census 1881.	4270 13786 927 10591 719 7414 8862 858 1136	1390 11386 11386 11386 11425 11425 1142 1142 1142 1143 1143 1153 1153 1153 1153 1153 1153
			Census 1871.	3802 11423 978 8257 730 6038 6346 677 1103	1172 1131 760 849 8580 481 1118 15775 1006 1046 1242 1746 1644 463 2228 463 461 2228 461 2228 869 369 368
			DISTRICTS,	DUMBARTON—continued. Cumbernauld, DUMBARTON, Kilmaronock, Luss, New or East Kilzarnock, Old or West Kilpatrick, Roseneath—(1) Roseneath, Row, Row,	19. Abould.  Mainland. Ardchattan, Ardnamurchan—(1) Aharacle, (2) Arissig, (3) Sunart (or Strontan), (4) Western Ardnamurchan, (5) Sunart (or Strontan), (6) Western Ardnamurchan, (7) Chaignish, (8) Cumlodden and Corran of Ardgour, (9) Chaignish, (1) Cumlodden and Minard, (2) Kilmun, (3) Suland, (4) Western (2) Kilmun, (4) Suland, (5) Richard, (6) Ediberry (7) Kilchernan, (8) Dalarich, (9) Dalarich, (9) Dalarich, (1) Kilchenan, (1) Kilchenan, (2) Kilchernan, (3) Dalarich, (4) Millenan, (5) Millenan, (6) Millenan, (7) Millenann, (8) Millenann, (8) Millenann, (9) Millenann, (9) Millenann, (9) Millenann, (1) Millenann, (1) Millenann, (2) Millenann, (3) Millenann, (4) Millenann, (5) Millenann, (6) Millenann, (7) Millenann, (8) Millenann, (8) Millenann, (9) Millenann
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wn KILBRIDE,  (2) Klimelford,  (3) Klimelford,  (4) Lismore,  (3) Glencoe and Ballachulisi,  (4) Duror,  (5) Kilmorich,  (7) Skipness,  (8) Skipness,  (9) Skipness,  (1) Strabur,  (2) Skipness,  (2) Skipness,  (3) Skipness,  (4) Jura,  (5) Colonsay,  d Oa,  nd Kilwickeon,  d Nath.  (1) Tyree,  (2) Coll,  20 Coll,	
KILBRIDE, (1) Kilminver, (2) Kilmelford, (2) Kilmelford, (2) Kilmori, (2) Kilmori, (3) Skipness, (4) Strachin, (5) Strachin, (6) Strachin, (7) Strachin, (8) Strachin, (9) Strachin, (1) Strachin, (1) Strachin, (2) Strachin, (3) Strachin, (4) Strachin, (5) Strachin, (6) Strachin, (7) Strachin, (1) Strachin, (1) Strachin, (1) Strachin, (2) Strachin, (3) Strachin, (4) Strachin, (5) Strachin, (6) Strachin, (7) Strachin, (1) Strachin, (1) Strachin, (1) Strachin, (1) Strachin, (1) Strachin, (2) Strachin, (3) Strachin, (4) Strachin, (5) Strachin, (6) Strachin, (7) Strachin, (7) Strachin, (8) Strachin, (9) Strachin, (1)	
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KILMORE AND KILBRIDE, Kilminver, etc.—(1) Kilminver, (2) Kilmelford, Lismore, etc.—(1) Lismore, (3) Glencoe and Ballachu (4) Duror, Lochgilphead, Lochgoilhead, etc.—(1) Lochgoilhead, Morvern, North Knapdale, Saddell, etc.—(2) Kilmorich, North Knapdale, Southend, Stralachlan, etc.—(1) Stralachlan, Tarbert, Mexicon, (2) Skipness, Southend, Stralachlan, etc.—(1) Stralachlan, (2) Skipness, Southend, Stralachlan, etc.—(1) Stralachlan, Kirlachlan, etc.—(1) Jura, Gigha, Jura, etc.—(1) Jura, Kilchoman, Kilcho	Cumbrae Kilbride—(1) Kilmory Kingarth Lochranza, North Bute,
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	Total Births for 1883.		883. 125.9 1
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ONS, 1883	On the ground of previous Successful Vaccination.		ad
VACCINATIONS,	Insusceptible of Vaccine Disease.	In respect of Children hav already ha Small-pox	the ing
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HS, DEATHS, AND MARRIAGES.		Marriages.	888 888 888 888 888 888 888 888
		Deaths.	289 1949 1949 1949 1959 1959 1959 1959 195
BIRTHS	M	Births.	26 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2
SED TION.		Census 1881.	114488 112211 13815 13815 13815 138188 307448 307448 307448 307448 307448 307448 307448 307448 307448 307448 307448 307448 307448 30748 30
	REVISED	Census 1871.	9573 7231 1714 13098 1565 20025 20025 25310 2531
REGISTRATION DISTRICTS.		REGISTRATION DISTRICTS.	VI. SOUTH-WESTERN DIVISION.  21. RENFREN (2) Burghal (merged in 573), (2) JANDWARD (merged in 573), (3) JOHNSTONE and Ederslie, Eagleshan, Esgleshan, Eskrwood, Eskrwood, GREENOCK—(1) New, or Middle, (2) East, (3) Old, or West, Houston and Killellan, Inchinnan, Inchinnan, INVERKIP—(1) Inverkip, (2) Gourock, KILBARCHAN—(1) Kilbarchan, Lochwinnoch, (2) Barren (2) Lanwood, Lochwinnoch, MEARNS, (2) Barren (2) Barren (2) Barren (2) Barren (2) Barren (2) Barren (2) Barren (2) Barren (2) Barren (2) Barren (2) New Arden (2)
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Dailly,  Dallymple,  Dallymple,  Dreghorn,  Dreghorn,  Dreghorn,  Dunlop,  Fenwick,  Galston,  Galston,  KLIBHARNOCK,  KLIBHARNOCK,  KLIBHARNOCK,  KLIBHARNOCK,  KLIWINSIN,  KLIWINSIN,  KLIWINSIN,  KLIWINSIN,  KLIWINSIN,  KLIWINSIN,  KLIWINSIN,  KLIWINSIN,  KLIWINSIN,  MATROLE,  Mauchline,  Marybole,  Marybole,  Marybole,  Marybole,  Monkton and Prestwick,  Marklibe,  Monkton and Newton-us,  Ser, Chinock,  Och Chancock,  Och Chancock,  Ser, Chinoca and Newton-us,  Ser, Wilce,  Ser, Wilder,  Ser, Wardon,  Ser, Wardon,  Ser, Wardon,  Ser, Wardon,  Ser, Wardon,  Ser, Wardon,  Symington,  Symington,  Symington,  Tarbolton,	Avondale, Barony—(1) Maryhill, Bjegar, Blantyre, Bothwell—(1) Bothwel Cadder—(1) Western, Calderhead, Cambusland,
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	Total Births for 1883.		255 27 27 27 26 28 28 28 28 28 28 28 28 28 28 28 28 28
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VACCINATIONS, 1883.	On the ground of previous Successful Vaccination.		
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מחדי שר י	MARRIAGES. 1884.	Deaths.	22.22
Drower	M	Births.	769 272 116 116 116 117 117 117 117 117 117 117
	SED ATION.	Census 1881.	19286 8552 770 772 8552 1955 1965 1965 845 674 6703 2875 2875 2875 2875 3875 38630 37450 37450 37450 38630 446118 6009 37450 38630 446118 6009 37450 38630 46118 6009 37450 38630 46118 6009 17450 38630 46118 6009 17450 38630 46118 6009 17450 38630 46118 6009 17450 38630 17450
	REVISED POPULATION	Census 1871.	18709 7088 7088 708 708 1718 454 727 11102 863 863 863 863 863 863 863 863 863 863
	REGISTRATION DISTRICTS.		LANARK—continued. CAREDENFTHAN, CARRIEDRA, CARMICAS, CAR
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TON,  (c) Landra Western,  Western,  Middle Go.  do.  do.  do.	24. Linlithgow.  (1) Bathgale, (2) Armadale, (3) Armadale, (3) Armadale, (4) Armadale, (5) Armadale, (6) Armadale, (7) Whithurn, (8) Fauldhouse, (6) Faulthouse, (7) Faulthouse, (8) Faulthouse, (8) Faulthouse, (9) Faulthous	
(3) PLANTATION, (3) GOVAN, (6) PARRIGK, (7) (2) GOV, (7) (2) ML (2) ML (2) ML (2) ML (2) ML (2) ML (2) Eastern (3) Eastern (3) Eastern (3) Western (3) Western (3) Western (3) Western (3) Western (3) ML (3) Western (3) ML (3) Mustern (4) ML	H-EAS' H. LINI J. BATE 2) ARM NNESS, , , , , , , , , , , , , , , , , , ,	
GOVAN—(1) PLANTATION, (2) GOVAN, (3) PARTICK, (4) LANARK, LESINARGOW, Libberton, NEW MONKLAND—(1) A OLD MONKLAND—(1) WEST (2) MIDD Pettinain, (3) Eastern (2) Middle District, (3) Eastern (3) Western (3) Western (4) Eastern (5) Eastern (6) Western (7) Western (8) Western (9) Western (9) Western (1) Walston, Walston, Walston,	VII. SOUTH-EASTERN DIVISIO  24. Linlithgow.  Aberoem.  BATHGATE.  (2) ABMADALE,  CARRIDEN.  (2) ABMADALE,  CARRIDEN.  CARRIDEN.  CARRIDEN.  Ecclesmachen,  Erclesmachen,  Erclesmachen,  Elinlithgon,  Livingstone,  QUEENSFERRY,  Tophall,  Uphall,  Ophall,	Borthwick, Carrington, Cockpen, Cockpen, Cockpen, Corstorphine, Cramond, Cramston, Cranston, Cranston, Cranston, Cranston, Cranston, Cutchton, Dalketth
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\* Prior to 1884 the Registration District of Forth was included in that of Carnwath.

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Total Births for 1883.		14	132 15 8 8	17 172	13 22 22 23		311 200 200 500	201	24 4 77 4 72 12 12 12 13
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MARRIAGES. 1884. Sirths. Deaths. Marriages.		0 80	18 0 0	7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7	40001	Ī	30 1 30	4	71.824.52
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## APPENDIX.

#### VACCINATIONS, 1883.

## EXTRACTS FROM THE REGISTRARS' NOTES RELATIVE TO THE WORKING OF THE VACCINATION ACT.

#### I. NORTHERN DIVISION.

#### 2. ORKNEY.

26. Sanday.—Obstruction in the working of the Act occurred in consequence of change of Vaccinator, the former having left before the

one presently acting had entered on his duties.

31. STRONBAY.—The age at which children have to be vaccinated has been changed by the Board of Supervision from six to twelve months.

#### 4. SUTHERLAND.

53. LAIRG.—Vaccination well attended to. A child has been removed from the parish, and though said to be successfully vaccinated no certificate has been sent to me.

## IL NORTH-WESTERN DIVISION.

### 5. Ross and Cromarty.

### Mainland.

67. GLENSHIEL.—Vaccination complete from 1864 to 1883.

74. LOCHALSH.—Of the eight entered in column 7 one is the child of a gentleman now in England, but the remaining seven are resident in the parish, most of whom, if not all, have been vaccinated, although certificates to that effect have not been sent in.

75. (1) LOCHBROOM. - Vaccination remarkably

well attended to by all parties.

#### Insular.

86a. BARVAS.-The Medical Officer having died in July last, and no appointment of a successor made, accounts for the large number of unvaccinated.

### 6. INVERNESS.

## Mainland,

90b. ALVIE.—Infant mortality has been high.
Three of those who died before vaccination

were triplets.

92. (1) BOLESKINE.—Vaccination Act works well. Frequent changes of medical men prevents some children from being attended to within the prescribed time.

94. CROY AND DALOROSS.—Notices of default have to be sent to a large proportion of the parents, but with very unsatisfactory results.

The excuse is frequently made that the children have been vaccinated but no certificates received.

104. LAGGAN.—The case of postponed vaccination is caused by the continued ill health of the child. Although the parents are travelling tinkers, they have rigidly fulfilled the requirements of the Act. This is the fifth postponement.

#### Insular.

111. (2) SOUTH HARRIS.—A mild type of Hooping-Cough was prevalent in certain parts of the district, which in all probability has retarded the progress of the Vaccinator, consequently an abnormal number remain unvaccinated.

118. (1) BENBECULA.—There are five defaulters, but some of these are on detached islands, and expect to have their children

vaccinated shortly.

## III. NORTH-EASTERN DIVISION.

## 8. ELGIN (OR MORAY).

129. DALLAS.—The entry in column 7 is that of a hawker's child whose vaccination was for a time postponed, but no trace of the parties can now be found.

136. NEW SPINIE.—Entry in column 7 is of the child of vagrants, and was born in Poor-house; the address given by the parents at registration having failed to find them. The deaths of infants both before and after vaccination were unusually numerous in 1883 and the beginning of 1884.

## 10. ABERDEEN.

183. CRATHIE AND BRAEMAR.—Vaccinations well attended to. The number of Deaths before vaccination is above the average, but no reason can be assigned therefor.

## IV. EAST-MIDLAND DIVISION.

## 12. FORFAR.

288. FORFAR.—Act works well, but the period in which certificates are returned to the Registrar ought to be shortened, as this is a fruitful cause of many postponements.

#### V. WEST-MIDLAND DIVISION.

#### 17. STIRLING.

476. (2) HAGGS.—Consequent on dull trade a number of removals have taken place in the course of the year. Of the five entries in column 7, four are of children of families whose whereabouts at present have not been ascertained

#### 19. ARGYLL.

#### Mainland.

515. KILBRANDON AND KILCHATTAN.-The large number of postponements arose in consequence of an epidemic of Measles.

#### Insular.

551. (1) TYREE.—The Registrar has good grounds for believing that nearly all the eight cases unaccounted for are vaccinated, although the certificates have not been sent in.

## VI. SOUTH-WESTERN DIVISION.

#### 22. AYR.

parents to vaccinate within the prescribed time, which might be obviated by paying the Vacci-nator a small fee, in which case he would remind

parents of their duty.

597. KILMARNOCK.—The Registrar has never had a direct refusal to comply with the Act, though there are occasional grumblers. The one difficulty is the tracing of those who leave the parish, specially in the case of illegitimates and percent when the case of illegitimates and percent when the control with the case of illegitimates. and persons whose occupations lead them to

change, such as coal miners.
610. OLD CUMNOCK—Of the two cases entered in column 7, one is of the child of a Congregational Minister who is now resident in Edinburgh, and whose refusal to vaccinate was noted in the last Return. He was fined by the Sheriff of Ayrshire at the instance of the Parochial Board of this Parish, in March last, and no certificate of vaccination has yet been received.

## VII. SOUTH-EASTERN DIVISION.

## 25. EDINBURGH.

22. AYR.

590. (2) TROON. — Considerable difficulty is still experienced by the Registrar in getting

686. FALA AND SOUTRA. — Hooping-Cough and Bronchitis prevalent, which accounts for two cases being still postponed.

# CONSTITUTION OF THE DISTRICTS DISTINGUISHED IN THE PRECEDING TABLES BY AN ASTERISK (\*).

No.	Districts.	Component Parts (Parishes).
14	Deerness	Part of St Andrews.
15	Eday and Pharay	Part of Stronsay and Eday.
22 26	North Ronaldshay	Part of Cross and Burness.  Lady, and part of Cross and Burness.
376	Keiss	Parts of Canisbay and Wick.
58	Applecross	(1) Part of Applecross; (2) Rest of Applecross and part of Gairloch.
71b	Carnoch Kinlochluichart	Parts of Contin, Fodderty, and Urray.
866	Carloway	Parts of Contin, Fodderty, and Urray. Parts of Lochs and Uig.
87	Lochs.	Parts of Lochs and Uig.
112	Kilmuir	(1) Part of Kilmuir; (2) Rest of Kilmuir and part of Snizort
185 152	Elgin Enzie	Elgin, and parts of New Spynie and St Andrews-Lhanbryde.  Parts of Bellie and Rathven.
1556	Glenrinnes	Parts of Aberlour and Mortlach.
167	Seafield	Parts of Cullen and Rathven.
210b 217	Kinninmonth	Parts of Crimond, Longside, Lonmay, Old Deer, and Strichen.
2226	Millbrex	Logie Coldstone, and part of Glenmuick, Tullich, and Glengairn.  Parts of Fyvie and Monquhitter.
2276	New Pitaligo	Parts of Aperdour, New Deer, Strichen, and Tyrie.
237b 240	Savoch Strathdon	Parts of Ellon, New Deer, Old Deer, and Tarves. Strathdon, and part of Tarland.
2498	Ythan Wells	Parts of Auchterless and Forgue.
272	Arbroath	Arbroath, and part of St Vigeans.
282	Dundee	Dundee, and part of Liff, Benvie, and Invergowrie.
294 297	Kettins	Kettins and part of Scone. Kinnettles and part of Caputh.
824	Aberfeldy	Parts of Dull, Fortingall, Kenmore, Logieralt, and Weem.
831	Balouhidder	Balquhidder, and part of Comrie.
844 849	Dowally	Part of Dunkeld and Dowally.  Parts of Caputh and of Dunkeld and Dowally.
855a	Fortingall .	(1) Parts of Fortingall and Weem; (2) Part of Fortingall.
855b	Foss	Part of Dull.
360	Kenmore	Parts of Kenmore and Weem.
361 367	Killin	Parts of Kenmore, Killin, and Weem. Parts of Fortingall and Logieralt.
875	Logicalmond	Parts of Fowlis-Wester, Little Dunkeld, Methven, Monzie, and Redgorton.
879	Meigle	Meigle, and part of Coupar-Angus. [Kinloch, and Rattray.]
386b 387	Persie	Parts of Alyth, Bendochy, Blairgowrie, Caputh, Kirkmichael, Lethendy and Perth, and parts of Kinnoull, Scone, and Tibbermore
8936	Stanley	Parts of Auchtergaven, Kinclaven, and Redgorton.
8946	Strathfillan	Part of Killin.
894c 402	Tenandry	Parts of Blair-Athol, Dull, and Mouhn. Anstruther-Easter and part of Kilrenny.
417	Crail	Part of Crail and May Island.
423	Dunbog	Dunbog, and parts of Abdie and Flisk.
424 425	Dunfermline	Parts of Dunfermline and Inverkeithing
432	Inverkeithing	Dunino and part of Crail.  Parts of Inverkeithing and Dunfermline.
442	Kirkcaldy and Abbotshall.	Kirkcaldy, Abbotshall, and part of Kinghorn.
4816	Grangemouth	Parts of Bothkennar, Falkirk, and Polmont.
490 498	Stirling	Stirling, and part of St Niniana. Bonhill, and part of Dumbarton.
496	Dumbarton	Parts of Cardross and Dumbarton.
506 509	Ballachulish, etc.	Part of Kilmalie.
518	Cumlodden and Minard . Inveraray	Parts of Glassary and Glenaray. Inversray and part of Glenaray.
515	Kilbrandon and Kilchattan	Kilbrandon and Kilchattan, and part of Jura. [of Kilchrenan and Dalavich.]
517	Kilchrenan	(1) Parts of Kilchrenan and Dalavich, and of Glenorchy and Inishail; (2) Rest
526 529	Lochgilphead	Parts of Glassary and South Knapdale.  Parts of Ardchattan and Muckairn, and of Glenorchy and Inishail.
535	Tarbert	Parts of Kilcalmonell and Kilberry, of Saddell and Skippess, and of South
536	Bowmore (or Kilarrow)	Part of Kilarrow and Kilmeny. [Knapdale.]
542 548	Kilfinichen and Kilvickeon Kilmeny	Parts of Kilfinichen and Kilvickeon, and of Torosay.  Part of Kilarrow and Kilmeny.
545	Kinlochspelvie	Part of Torosay.
547	Portnahaver	Part of Kilchoman.
548 549	Salen	Parts of Kilninian and Kilmore, and of Torosay.  Part of Kilninian and Kilmore.
556	Lochranza	Parts of Kilbride and of Kilmory.
557	North Bute	North Bute, and part of Rothesay.
572 573	Neilston	(1) Part of Neilston; (2) Rest of Neilston and part of Abbey.  High, Middle, and Low Church Parishes, and parts of Abbey and of Renfrew.
576	Ardrossan	(1) Parts of Ardrossan and of West Kilbride; (2) Rest of Ardrossan,
578	Ayr	Ayr, and parts of Newton-upon-Ayr, and of St Quivox.
584b 595	Crosshill	Parts of Kirkmichael, Kirkoswald, and Maybole. Irvine, and part of Dundonald.
612	St Quivox, etc.	Parts of Newton-upon-Ayr, and St Quivox.
6266	Calderhead	Parts of Cambusnethan and Shotts.
644 670	Glasgow	City of Glasgow, including Gorbals and parts of Barony and Govan Queensferry, and part of Dalmeny.
684	Portobello	Parts of Duddingston and South Leith. [ton, and North Leith and South Leith.
685	Edinburgh	City of Edinburgh, Canongate, and parts of St Cuthberts, Duddingston, Liber-
690	Kirknewton & East Calder Leith	Kirknewton and East Calder, and part of Kirkliston. [ton.
692	Leitin	(1) Parts of Cramond, North Leith, and St Cuthberts; (2) Parts of North Leith, St Cuthberts, and South Leith.
6986	Stobbill	Parts of Borthwick, Cockpen, Newbattle, and Temple.
7744	Caddonfoot	Parts of Galashiels, Selkirk, Yarrow, Innerleithen, and Stow.
7766	Ladhope	Part of Melrose. Parts of Jedburgh, Oxnam, and Southdean.
794	Kirktown	Kirktown and part of Cavers.
8136	Brydekirk	Parts of Annan, Cummertrees, and Hoddom.
853b 857b	Wanlockhead	Part of Sanquhar. Parts of Minnigaff (Kirkcudbright) and of Penninghame (Wigtown).
862	Corsockbridge	Parts of Balmaclellan, Kirkpatrick-Durham, and Parton.
864	Dalbeattie	Part of Urr.
899	Stranraer	Strantacr, and parts of Inch and Leswalt.
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# LIST of REGISTRATION DISTRICTS which include BURGHS, or TOWNS of 2000 Inhabitants, and upwards, or parts thereof, bearing a different name from the Districts in which they are situated.

No.	Registration	Dist	ricts.			Bui	rghs.			Towns.
80	Rosemarkie	_		-	* Fortros	в.				
130	Drainie -	-		-	-	-			-	*Lossiemouth.
	Macduff -	-	-	-	Banff.				- 1	
164	Rathven -	-	-	-	-	-		•	-	*Buckie,
167	Seafield -	-		-	Cullen.				- 1	
211	Kinnellar - Kintore -	-	-	-	Kintore.				- 1	
213 2511	Banchory-Devel	niek	:	- 1	Aberdee				- 1	
253		-	-	: 1	Inverbe				- 1	
255	Dunnottar .	_	-	-	INVOIDE.	. 410.			-	Stonehaven.
2581	Fetteresso	4		- 1		-			2	Do.
262	Kinneff, etc.	-	-	- 1	Inverbe	rvie.				7.
274	Barry -	-	-	-	-	-	-	-	-	Carnoustie.
280	Craig -	-		-	Montros	e.				
282 4	St Andrews (Du	ınde	8)	-	-	-		-	-	Broughty-Ferry.
310		-		-	-			-	-	Do.
816	Panbride -	-		-	-			-	-	Carnoustie.
371		-		-	Chinling		-		-	Bridge of Allan.
374	Logie - ·	1	-	-	Stirling.				-	Do. Dollar.
385 386 a		-		-	:				-	Crieff.
389	Rattray -			- 1					-	Blairgowrie.
100		_	-	-		-		_	-	Suburban of Newburgh.
105	Auchterderran -		-	-	-	-			-	Lochgelly.
108	Ballingry -	_	-	-	-			-	-	Do.
110	Beath -	-		-	-			-	-	Cowdenbeath.
431	Forgan -			-					-	Newport.
136	Kilconquhar	-			* Earlsfer	Ty.				
138	Kilrenny -	-		-	Anstrut	her-East	er.			
156	Scoonie -	-	-	-	-			-	-	*Leven.
159	Wemyss -	-	-	-	-	-	-	-	-	Buckhayen.
166	Clackmannan	-	-	-	-	-		-	-	Alloa.
175	Campsie -	-	-	-	-	-		-	-	*Lennoxtown.
178	Dunipace -	-	-	-	-			-	-	Denny.
185	Larbert -	-	-	-	-			-		Stenhousemuir.
488	St Ninians -	-	-	- 1	-	-	-	-	• "	Bannockburn.
193	Bonhill -	-	-	-	•	•	•			*Alexandria.
194	Cardross -			-	-	-		-	-	*Renton.
500	New or East Kil	ipatr	TCK	-	0.00	-		-	-	*Milngavie. *Helensburgh.
503	Row	Theta	10	-		-	-	-	-	Helensourgh.
523	Kilmore and Ki	TDITE	16	-	*Oban.	42.0	_	-		Johnstone.
559 3	Abbey -	-	-			-	_	-		(Busby.
560	Cathcart -	-	-	-	-	-	-	-	-	(Suburban of Glasgow (Crosshil).
562	Eastwood	-	-	-		_	-	_	-	*Pollokshaws and Thornliebank.
564	Greenock, East	-	-	-	Port-Gl	asgow.				
571	Mearns -		-	-	-	-	-		-	Busby.
5761	Old Ardrossan	-	-	-	-	-	-	-	-	Saltcoats.
577	Auchinleck	-	-	-	-	-	-	-	-	Cumnock.
593	Galston -		-	-		-	-	-	-	Newmilns.
597	Kilmarnock	-	-	-	-	-	-	-	-	Hurlford.
603	Loudoun -	-	-	-	-	-	-		-	Galston and Newmilns.
611	Riccarton -	-	-	-	Kilmarr	lock.	-	-	-	Hurlford.
613	Sorn -	-	-	-	-	-		-	-	*Catrine.
615	Stevenston		-	-	-	-	-	-	-	Saltcoats.
621	Avondale -	-	-	-	-	-	-	-	-	*Strathaven. [Possilpark
6221	Maryhill -	-	-	•	-		-	-	-	Suburban of Glasgow (Maryhill an
622 2	Shettleston		-		-		-	- '	-	Suburban of Glasgow (Shettleston an
	A STATE OF THE PARTY OF THE PAR									part of Tollcross).
622 2	Shettleston	-	-	-	-	-	-	-		Tollcross.
624	Blantyre -	-	-	-	-	-	-	-	-	Stonefield. *Bellshill, Uddingston and Mossend.
625 1		2	-	:		2			-	*Newmains and Wishaw.
628	Cambusnethan				-	-	-	:	-	Motherwell.
639	Dalziel - East Kilbride					-	1	-	-	Busby. [Polmadie
643		hese	ntow	nì	-	-	-	-	-	Suburban of Glasgow (Govanhill ar
64411			ALLOW.	-4/	_	-				(Suburban of Glasgow (Govanhill,
64413	Glasgow (Gorba	als)	-	-	-	-	-	-	-	Pollockshields, and Strathbungo).
	ar.		2		1					(Suburban of Glasgow (Pollockshields,
64414	Glasgow (Kinni	ing I	ark)	-	-	-	-	-	-	Strathbungo, and Kinning Park)
6461	Govan -	-	-	-	-	-	-	-	-	Suburban of Glasgow (Govan). [head
646 2			-	-	-	-	-	-	-	Suburban of Glasgow (Partick and Hil
647 -	Hamilton -					-	+	-	-	Larkhall and Motherwell.
651 2	New Monkland	1 (La			-		-	-	-	Suburban of Airdrie.
652	Old Monkland									
	(1) Western	Dist	rict	-	-	-	-	-	-	Bailliestone, and Tollcross.
	(2) Middle D	istri	ct	-	-	-	-	-	-	Coatbridge and Rosehall.
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776 b	Ladhope -	-	-	-	Galash					1
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South Knapdale, 533		119	Terregles, .	880	Twynholm,	883	West Calder,	701
South Leith, 692		491	Teviothead,	809	Tynron, .	852		854
South Ronald-		240	Thurso, .	41	Tyree, .	551		620
shay & Burray, 29		394	Tibbermore,	395	Tyrie,	248		773
South Uist. 118		384	Tillicoultry,	468	-,,		Westray, .	33
Speymouth, 143		307	Tingwall,	10	Udny, .	249		756
Spott, . 720		457	Tinwald, .	894	Uig,	89	Whalsay and	
Sprouston, . 807	Strathoykel,	71	Tobermory,	549	Unst	ii	Skerries, .	7
Stair 614	Strathy, .	50	Tomintoul,	160	Uphall, .	672		673
Stanley. 393		241	Tongland, .	881	Urquhart (El-	٠. ـ	Whitekirk and	•••
Stanscholl, . 112	Stromness, .	30	Tongue, .	56	gin),	144		723
Stenton, 721	Stronsay, .	31	Torosay,	550	Urquhart (In-		Whiteness and	,. 20
Stevenston, . 615		505	Torphichen.	671	verness), .	107		10
Stewarton, 616		755	Torryburn,	458	Urquhart and	10,	Whithorn,	900
Stirling, . 490	Symington(Ayr),		Torthorwald,	850	Logie-Wester	81		75 <b>7</b>
Stitchell, 808	Symington		Tough, .	244	Urr,	884		724
Stobhill . 698		657	Towie, .	245	Urray, .	85		43
Stobo 770	(	•••	Tradeston, .	644			Wigtown, .	901
Stoer, 44			Tranent, .	722	Walls (Shetland	1.12	Wilton, .	810
Stonehouse. 656	Tain, .	82	Traquair, .	771	Walls (Orkney)			
Stoneykirk, 898		321	Trinity-Gask,	396	Walston,	658		660
Stornoway, 88	Tarbat, .	83	Troon,	590	Wamphray,	853		
Stow, 699		535	Troqueer, .	882	Wandell and			
Stracathro, 320		619	Tulliallan, .	397	Lamington,	659	Yarrow,	779
Strachan 268		242	Tullynessie and		Wanlockhead,	853		
Strachur, . 534		243	Forbes, .	246		110	ford), .	725
Straiton, 617		322	Tundergarth,	851	Watten, .	42		811
Stralachlan 534		700	Turriff,	247		398	Ythan Wells,	249
	- '						•	

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# THIRTIETH ANNUAL REPORT

OF THE

## REGISTRAR-GENERAL

ON THE

# BIRTHS, DEATHS, AND MARRIAGES

REGISTERED IN

## SCOTLAND

DURING THE

## YEAR 1884:

## TWENTIETH ANNUAL REPORT

## VACCINATION.

Presented to both Houses of Parliament by Command of Her Majesty.



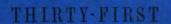
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1 8 8 5.



UAL REPORT

OF THE

REGISTRAR-GENERAL

BIRTHS, DEATHS, AND MARRIAGES

SCOTLAND

DURING THE

YEAR 1885;

TWENTY-FIRST ANNUAL REPORT

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1886.

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## REPORT.

## TO THE RIGHT HON.

## GEORGE OTTO TREVELYAN, M.P.,

Her Majesty's Secretary for Scotland.

GENERAL REGISTRY OFFICE OF BIRTHS, Etc., EDINBURGH. 25th March 1886.

Sir,

I have now the honour to submit to you, in accordance with the requirements of the Scottish Registration Act (17 and 18 Vict. cap. 80), a General Abstract of the Births, Deaths, and Marriages registered in Scotland during the year 1885, drawn up in the usual form, with a view to its being laid before Parliament.

I have likewise the honour to submit to you, in accordance with Section 19 of the Vaccination Act (26 & 27 Vict. cap. 108), the Twenty-first Annual Report on Vaccination, which includes all the usual details relative to children whose Births were registered in Scotland during the year 1884.

## Report of the Registrar-General to the Secretary of State.

But Eight deaths from Small-pox were recorded in the Registers of Eight of the Principal Towns of Scotland, during the year under review.

I have the honour to be,

SIR,

Your most obedient Servant,

STAIR AGNEW,

Registrar-General.

## REPORT TO THE REGISTRAR-GENERAL

## BY R. J. BLAIR CUNYNGHAME, M.D., F.R.S.E.

SIR,

I have herewith the honour to submit the Report containing all the usual details regarding the Births, Deaths, and Marriages registered during the year 1885, in the 1,046 Registration Districts of Scotland. Appended to the General Report is the Twenty-first Report on Vaccination in which is contained all the available information regarding the administration of the Scotlish Vaccination Act, and especially in relation to the vaccination of children born in Scotland during 1884.

The population of Scotland estimated to the middle of 1885 was 3,907,736 persons. This calculation assumes that the annual rates of increase of males and females observed between the census enumerations

of 1871 and 1881 have since the latter period remained the same.

During 1885 there were registered 126,110 births, 74,603 deaths, and 25,256 marriages; being in the proportion of 3.23 births, 1.91 deaths, and 0.65 marriages for every hundred of estimated population. When these numbers are compared with similar data for recent years as given in Tables I. and II. it is found that the birth-rate is lower than has been

Table I.—Population estimated to the middle of each year, with the Number of Births, Deaths, and Marriages registered in Scotland during each of the Years 1855 to 1885, and their Proportion to the Population; also the Excess of Births over Deaths, the Number of Illegitimate Births, and their Proportion to the Total Births.

YEAR,	Estimated Population.	BIR	rns.	DEATHS.	MAR- RIAGES.	Excess of Births over	Percer	ntage to Po	pulation.	Percent of Illeg. to Total
213	r opusacion.	Total.	Illegit.		MIAGES.	Deaths.	Births.	Deaths.	Marriages.	
1855	2,978,065	93,349	7,357	62,004	19,680	31,345	3.1491	2.0820	0.6608	7:8
1856	2,995,771	101,821	8,695	58,529	20,740	43,292	3.3988	1.9537	0.6923	8.5
1857	3,012,310	103,415	8,869	61,906	21,369	41,509	3.4331	2.0551	0.7094	8.2
1858	3,027,665	104,018	9,354	63,539	19,655	40,479	3.4356	2-0986	0.6492	8.9
1859	3,041,812	106,543	9,715	61,714	21,201	44,829	3.5026	2.0288	0.6969	9.1
1860	3.054,738	105,629	9,736	68,170	21,225	37,359	3.5578	2.2316	0.6948	9.2
1861	3,069,404	107,009	9,929	62,341	20,896	44,668	3.4863	2.0310	0.6808	9.2
1862	3,097,009	107,069	10,376	67,195	20,597	39,874	3.4572	2-1697	0.6651	9.7
1863	3.126,879	109,341	10,948	71,481	22,234	37,860	3.4968	2.2860	0.7160	10.0
1864	3,156,021	112,333	11,197	74,416	22,725	37,917	3.5594	2.3579	0.7200	9.9
1865	3,185,437	113,070	11,262	70,891	23,611	42,179	3.5496	2.2255	0.7412	9.9
1866	3,215,129	113,667	11,673	71,348	23,688	42,319	3.5354	2.2191	0.7367	10.2
1867	3,245,098	114,044	11,148	69,067	22,618	44,976	3.5063	2.1284	0.6970	9.7
1868	3,275,350	115.514	11,354	69,416	21.855	46,098	3.5267	2.1193	0.6673	9.8
1869	3,305,885	113,354	11,066	75,875	22,144	37,479	3.4288	2.2951	0.6698	9.7
1870	3,336,707	115,390	11,108	74,165	23,854	41 225	3.4582	2.2227	0-7149	9.6
1871	3,368,921	116,128	11,077	74,712	24,019	41,416	3.4470	2-2177	0.7130	9.5
1872	3,404,798	118,765	10,927	75,794	25,641	42,971	3.4882	2.2261	0.7531	9.2
1873	3,441,056	119,700	10,925	76,946	26,748	42,754	3:4786	2.2361	0.7773	9.1
1874	3,477,704	123,711	10,991	80,720	26,390	42,991	3.5573	2.3211	0.7588	8.9
1875	3,514,744	123,578	10,786	81,767	25,974	41.811	3.5160	2.3264	0.7390	8.73
1876	3,552,183	126,534	11,029	74,129	26,579	52,405	3.5621	2.0869	0.7482	8.72
1877	3,590,022	126,822	10,568	73,937	25,817	52.885	3.5326	2.0595	0.7191	8.33
1878	3,628,268	126,773	10,641	76,793	24,358	49,980	3:4940	2.1165	0.6713	8-39
1879	3,665,443	125,730	10,727	73,347	23,519	52,383	3.4301	2.0010	0.6416	8.53
1880	3,705,995	124,570	10,589	75,803	24,505	48,767	3.3613	2.0454	0.6612	8.50
1881	3,745,485	126,171	10,484	72,325	26,004	53,846	3.3686	1.9310	0.6943	8.31
1882	3,785,400	126,158	10,546	72,989	26,596	53,169	3.3328	1.9282	0.7026	8.36
1883	3,825,744	124,458	10,114	76,891	26,869	47,567	3.2532	2.0098	0.7023	8.13
1884	3,866,521	129,041	10,466	75,128	26,061	53,913	3.3374	1.9430	0.6740	8.11
01885	3,907,736	126,110	10,668	74,603	25,256	51,507	3.2272	1.9091	0.6463	8-46

reported since 1855, that the death-rate is the lowest on record, and that the marriage rate is under that of any year excepting 1879, when it was still lower than it is for the present year.

The excess of births over deaths is 51,507.

	1875.	5.	1876.	3.	1877.	.7	1878.	œ.	1879.	.6	1880.	0.	1881.	1.	1882.	2	1883.	00	1884.	4	Mean	1885.	
	No.	Per cent.	No.	Per cent.	No.	Per cent.	No.	Per cent.	No.	Per cent.	No.	Per rent.	No.	Per cent.	No.	Per cent,	No.	Per cent.	No.	Per cent.	cent. Ten Years.	No.	Per cent.
Births,	31096 25116 6369	3-59 32333 2-90 21294 0-73 6663	-	3.66 2.41 0.75	3-66 31256 2-41 20525 0-75 5977	3.53 31226 2.32 20320 0.67 6068	1226 0320 6068	3-49-31268 2-27-21950 0-68-5828	3-49-31268 2-27-21950 0-68-5828	3.46	31319 20751 6006	3.40 9.25 0.65	3.40.30860 9.25.21284 0.65 6483	2.30 0.70	1206 8265 6589	3.34	3-34,31342 1-96,22012 0-70 6530	3-32 0-69 0-69	3-32-30889 2-53-19115 0-69 6679	8-21 1-99 0-70	3-43 2-32 0-69	30878 21936 6408	3-20 2-27 0-66
Mean Temperat.	38°.7	1	37*-9	6	28°.5	10	896	-	34.3	53	899	6	88.00	91	0		383	21	402	69	28°.3	718	1
SECOND QUARTER. Births, Denti:s, Marriages,	32294 19518 6638	3.68 2-23 0.76	3-68,33088 2-23,19270 0-76 6459	8.74 0.78	8-7433355 2-18-19586 0-73 6735	3-73 33629 2-1919514 0-75 6095		3-7232968 2-1518784 0-67 6050		3.61 3 2.05 1	3-61 33827 2-05 19711 0-66 6224	3.67.3 2.14.1 0.67	3-67 33351 2-141 7889 0-67 6208	3-57-8 1-91 0-66	83346 8293 6609	3.53,32420 1.94,20386 0.70 6814	3.5332420 1.9420386 0.70 6814	3-40 2-14 0-71	3-4033897 2-1418751 0-71 6673	3.52 1.95 0.69	3-62 2-09 0-70	32404 18793 6363	3 33 1-93 0-65
Mean Temperat.	50°.73	73	492	ç1	475	10	\$0°.4	-	46°-8	00	49°-5	,3	48°-5	2	8.84	20	48°.6	9	487	1	48°.9	47°.6	**
HIRD QUARTER. Births, Deaths, Marriages,	30123 18050 5723	3:40.30790 2:04.16465 0:64.5895	3:40,30790 2:0416465 0:64,5895	3.45 1.84 0.66	3-45,30988 1-84,15919 0-66 5694	3-42 31236 1-76 17344 0-63 5508	31236 17344 5508	3-42 31436 1-90 15115 0-60 5061		3.40 8 1.64 1 0.55	3-40 30179 1-64 17047 0-55 5500	3-24% 1-83 0-59	3-24 31158 1-83 15602 0-59 5787	3-3030.718 1-65 16886 0-61 5957	3*30 30718 1*65 16886 0*61 5957	3-22-3	3-22 3:0087 1-77 16:37 0-62 5890	3-12-3 1-72-1 0-62	3+1232294 1-72 17555 0-62 5729	3.32 1.81 0.59	3-33 1-80 0-61	31274 15981 5679	3-17 1-62 0-58
Mean Temperat.	57.97	27	.99		54°.0	0	57.0	13	54°-1	1	57°.1	_	5-5¥2	21	55°.5	10	55°.0	0	9.99	9	2.,99	54°.0	0
FOURTH QUARTER. Bliths, Deaths, Maribges,	30180 19101 7191	3.415 2.16 0.80	3-41 30538 2-16 17093 0-80 7546	3.42 1.91 0.84	3-42 31225 1-91 17916 0-84 7384	3.45 1.98 0.82	9597 6662	3-35,30064 2-14,17480 0-73 6523		3-25 1-89 0-71	3-25 29327 1-89 18286 0-71 6759	3-15 1-96 0-72	3-15 30845 1-9617526 0-72 7470	3-27 8 1-86 0-79	3-27 30912 1-8619522 0-79 7419	3-24 2-05 0-78	3-24 30163 2-05 17932 0-78 7621	3-17-31961 1-8619707 0-79 6980	3-17 31961 1-86 19707 0-79 6980	3.29 2.08 0.72	3-30 1-98 0-77	31554 17893 6806	3-20 1-82 0-69
Mean Temperat.	41°-7	1.	43°-5	12	857	20	39°-2	Ç4	40°-4	4	39°-2	61	4.2°.7	1-	402	5	45°-1	1	41°-8	20	41° 3	40°-3	~
YEAR. Population	3514744	141	3552183	83	3590022	22	3628268	89	8665448	43	3705995	. 26	3745485	198	3785400	00	3825744	4	3866521	521		3907736	36
Births,	123693 81785 25921	3.52 2.33 0.74	3-52 126749 2-33 74122 0-74 26563	3.57 2.09 0.75	3-57 126824 2-09 73946 0-75 25790	3.53 1 2.06 0.72	3-53 126707 2-06 76775 0-72 24333	3.49 2.12 0.67	3-49-125736 2 2-12 73329 2 0-67 28462 (	3.43 2.00 0.64	3.43 124652 2.00 75795 0.64 24489	3.36 2.05 0.66	3-36 126214 2-05 72301 0-66 25948	3.37 1.93 0.69	3-37 126182 1-93 72966 0-69 26574		3-33 124462 1-93 76867 0-70 26855		3-25 129041 2-011 75128 0-70, 26061	3.34	3.42 2.05 0.69	126110 74603 95956	3-23 1-91 0-65

## BIRTHS.

126,110 births were registered in Scotland during the year under review, being at the rate of 3.23 per cent. or of 323 for every ten thousand of estimated population. Tables IV. and V. exhibit the number and proportion of births recorded in each of the five groups of Registration Districts. Of the whole natal events 52,100 took place in the Principal Town districts, 26,657 of these being male and 25,443 female children; 14,265 occurred in the Large Town districts, 7,389 males and 6,876 females; 27,192 in the Small Town districts, 13,828 males and 13,364 females; 29,357 in the Mainland Rural districts, 15,061 males and 14,296 females; and 3,196 in the Insular-Rural districts, 1,669 being of the male and 1,527 of the female sex. On comparing these with the estimated population of each corresponding district, the Principal Town districts are upon this occasion found to have the highest birth-rate, viz., 3.44 per cent., followed by the Large Town districts with a rate of 3.43 per cent.; the Small Town districts showing 3.27 per cent.; the Mainland Rural districts, 2.89 per cent.; and the Insular-Rural districts, 2.46 per cent.

10,668 of the registered births or 8.5 per cent. are illegitimate, a somewhat higher rate than in 1884. In the Insular-Rural districts the rate is 6.1 per cent.; in the Large Town districts 7.2 per cent.; in the Principal, and Small Town districts 8.1 per cent.; and in the Mainland Rural Districts 10.3 per cent.

In Table VI. is presented the relative frequency of illegitimate births as occurring in the various divisions and counties of Scotland. Among the former, the North-Eastern and Southern, each show a percentage rate of 14.2, the lowest being in the North-Western with 6.5 per cent., and West Midland with 6.3 per cent. In the counties, the rate varies from 4.7 per cent., in Ross and Cromarty, to 17.1 per cent. in Banff. In 13 counties the rate was above 10 per cent.; that in Kinross being 13.2; in Aberdeen 13.7; in Kirkcudbright 14.8; in Elgin 15.0; in Dumfries 15.3; in Wigtown 15.7; and in Banff, as before mentioned, 17.1 per cent.

Table III.—Births, Deaths, and Marriages in each of the Eight Divisions of Scotland during the Year 1885, and their Proportion to the Estimated Population.

,	Population estimated	BIR	THS.	DEA	THS.	MARR	IAGES.
Divisions.	to middle of 1885.	Number.	Per cent. to Pop.	Number.	Per cent. to Pop.	Number.	Per cent. to Pop.
Northern .	122,692	3,080	2.47	2,094	1.71	605	0.49
North-Western	165,723	4,232	2.55	2,553	1.54	771	0.47
North-Eastern	428,878	18,708	3.20	7,058	1.65	2,527	0.60
East-Midland .	620,806	18,593	2-99	10,904	1.76	8,740	0.60
West-Midland.	298,933	9,132	8.05	5,498	1.84	1,574	84.0
South-Western	1,478,651	53,260	8.60	82,877	2-19	10,729	0-78
South-Eastern.	579,985	18,218	3-14	10,347	1.78	4,133	0.71
Southern .	212,068	5,987	2.80	8,772	1.78	1,177	0.55

Of the 126,110 births, 64,604 were male and 61,506 female infants, so that for every 100 girls there were born 105 boys. The proportion of male to female births was greatest in the Insular-Rural districts and least in the Small Town districts.

Table IV.—Births, Illegitimate Births, Deaths and Marriages in the Five Registration Groups of Town, Rural, and Insular Districts in Scotland in 1885.

REGISTRATION		tion estin			BIRTH	s.	EGITT- BIRTHS.	D	AGES.		
GROUPS OF DISTRICTS.	Males.	Females	Both Sexes.	Males.	Fem.	Both Sexes.	-3 pd -	Males.	Fem.	Both Sexes.	MARRIAGES
Principal Town Districts	721,557	793,978	1,515,535	26,657	25,443	52,100	4,200	16,277	16,562	32,889	11,618
Large Town Districts .	203,613	212,760	416,373	7,389	6,876	14,265	1,020	3,960	4,146	8,105	2,912
Small Town Districts .	402,240	429,139	831,379	13,828	13,364	27,192	2,216	7,634	7,809	15,443	5,041
Mainland-Rural Districts	501,387	513,347	1,014,734	15,061	14,296	29,357	3,038	8,083	8,061	16,144	5,159
Insular-Rural Districts	61,238	68,477	129,715	1,669	1,527	3,196	194	993	1,079	2,072	526
SCOTLAND	1,890,035	2,017,701	3,907,736	64,604	61,506	126,110	10,668	36,947	37,656	74,603	25,256

Table V.—Percentage of Births, Deaths, and Marriages to the Population, distinguishing the Sexes;

Percentage of Illegitimate to the Total Births, and Proportion of Boys to Girls at Birth, in the
Five Groups of Registration Districts in 1885.

REGISTRATION GROUPS OF DISTRICTS.	Percentage to Population in 1885.								Boys Girls
	BIRTHS,				DEATHS.		AGES.	itage of III ate to Toti Birtha.	oportion of every 100 at Birth.
• · · · · · · · · · · · · · · · · · · ·	Males.	Females.	Both Sexes	Males.	Females.	Both Sexes.	HARRIAGES.	Percentage o githnate to ' Birtha	Proportion to every 10 at Birt
Principal Town Districts	3.69	3.30	8.44	2.25	2.09	2·17	0.77	8-1	104.8
Large Town Districts .	3.68	3.23	3.43	1-94	1.95	1.95	0.70	7 2	107.5
Small Town Districts .	3.44	3.11	8-27	1.90	1.82	1.86	0.61	8-1	108.2
Mainland-Rural Districts	8.00	2.78	2.89	1.61	1.57	1.59	0.21	10:3	105`4
Insular-Rural Districts	2.78	2.23	2.46	1.62	1.58	1.60	0.41	6·1	109-8
SCOTLAND	3.42	3.05	3.23	1.95	1.87	1.91	0.65	8.2	105.0

Table VI.—Proportion of Illegitimate to every 100 Births in Scotland, its Divisions and Counties, in 1885.

Divisions.	Divisions. Percent. of Illegit.		Percent, of Illegit,	Counties.	Per cent. of Illegit.	Counties.	Per cent of Illegit.
SCOTLAND.	8.2	Shetland Orkney	6.8	Forfar Perth	10·3 10·5	Lanark Linlithgow	6·9 6·1
NORTHERN DIVISION. NORTH-KEATERN DO. NORTH-EASTERN DO. EAST-MIDLAND DO. SOUTH-WESTER DO. SOUTH-EASTERN DO. SOUTHERN DO.	8·2 6·5 14·2 9·1 6·3 6·8 8·0 14·2	Cuithness . Sutherland . Ross & Cromarty Inverness . Nairn . Elgin . Banff . Aberdeen . Kincardine .	11:4 5:3 4:7 8:3 11:2 15:0 17:1 13:7 11:8	Fife Kinross Clackmannan Sticling Dumbarton Argyll Bute Renfrew Ayr	6·5 13·2 7·5 6·9 5·1 6·7 6·9 6·1 7·8	Edinburgh Haddington Berwick Peebles Selkirk Roxburgh Dumfries Kirkeudbright Wigtown	8·1 8·2 8·8 9·8 11·3 16·3 14·8

Births were most numerous in April, when they were registered at the rate of 364 per diem, followed by June with 361 daily, October with 351, July with 350, January with 349, December with 347, May with 344, February and March each with 340, September with 336, August with 333, and lastly November with a daily rate of 331.

## DEATHS.

The number of deaths recorded throughout Scotland during 1885, was 74,603 which is in the proportion of 1.91 per cent. or 191 for every ten thousand of population estimated, and which is the lowest as yet recorded in these reports. The mean average death-rate for the last ten years is 205 per ten thousand of the Inhabitants.

The mortality rate differs as may be presumed in the various districts, thus in the Principal Town districts it is 217 per ten thousand of those residing in them; in the Large Town districts, it is 195; in the Small Town districts, 186; in the Insular-Rural districts, 160; and

in the Mainland-Rural districts, 159.

The average number of daily deaths was greatest in January, when it was 263, followed by February with 241, March 226, April 217, December 213, June 203, November 201, May 200, July 179, August 176, October 169, and lastly September with 166.

## MARRIAGES.

25,256 marriages were registered as having taken place throughout the country during 1885, being at the rate of 65 per ten thousand of the population, a somewhat smaller proportion than that for last year; the mean for the last ten years being 69. The marriage rate varies in the several districts, thus it was 77 per ten thousand of the inhabitants in the Principal Town districts; 70 among those in the Large Town districts; 61 in the Small Town districts; 51 in the Mainland-Rural districts; and 41 in the Insular-Rural districts, being in the case of the Large Town and Mainland-Rural districts the same as it was in them last year, but is in the other districts below that for 1884.

The largest number of marriages was celebrated in June at the rate of 119 per diem; followed by January with 110; December with 92; July with 81; November with 79; April with 59; October with 53; February, August, and September, each with 52; March with 50; and May with 33. The average number of marriages registered daily

throughout the year was 69.

## EIGHT OF THE PRINCIPAL TOWNS OF SCOTLAND.

What follows of this Report is deduced from the information forwarded every month by the Registrars of the under named Eight Principal Towns of Scotland, viz., Glasgow, Edinburgh, Dundee, Aberdeen, Greenock, Leith, Paisley, and Perth, and it is believed that the statements made as to the condition of their inhabitants, and the mortality occurring among them from the various diseases, may be regarded as offering a fair estimate of the condition of the country at large.

## BIRTHS IN THESE EIGHT TOWNS.

43,800 births were registered in the above-mentioned Eight Towns during 1885, being at the rate of 345 per ten thousand of their estimated population. Glasgow shows the highest rate, and Perth the lowest. In the former city the rate is 382 per ten thousand of its inhabitants, followed by Paisley 371, Aberdeen 343, Leith 334, Dundee 324, Greenock

323, Edinburgh 294, and Perth 283.

Of these 43,800 births, 3806 are illegitimate, equivalent to a percentage of 8.69 of the whole. In Dundee 11.1 per cent. are of this nature; in Aberdeen 10.8 per cent.; in Perth 9.4 per cent.; in Edinburgh 9.0 per cent.; in Glasgow 8.2 per cent.; in Paisley 7.4 per cent.; in Leith 6.9 per cent.; and in Greenock 5.7 per cent. In another Column on Table VIII. the percentage of illegitimate births to possible mothers in the persons of widows and unmarried women between the ages of 15 and 45, is seen to be in Aberdeen 2.60; in Glasgow 2.39; in Leith 2.17; in Dundee 2.13; in Perth 1.83; in Greenock 1.82; in Paisley 1.81; and in Edinburgh 1.57.

22,385 of the total births in these Towns are males, and 21,415 females, the proportion of boys born to girls being therefore as 1045

to 100.

## DEATHS IN THESE EIGHT TOWNS.

The number of deaths registered in these Towns during 1885 was 27,856, of which 13,829 are of the male and 14,027 of the female sex, together being in the ratio of 219 in every ten thousand of their estimated populations.

From Table VIII. we find that in Glasgow 259 exits occurred in each like number of its population as above; in Paisley 249; in Greenock 210; in Dundee 201; in Edinburgh 182; in Aberdeen 179;

in Perth 172; and in Leith 168.

A glance at Table IX. shows that in all cases with the single exception of Greenock, the death-rate is below that of 1884, and that in all the rate for 1885 is below that of the mean of the previous ten

years.

Table X. presents some information as to infant mortality in them by which is meant deaths occurring among children under 5 years of age. In one column there is the percentage of deaths among infants at those tender years for each town, and in another the ratio of mortality under 5 years to the total mortality in the same. Thus, we find that in Glasgow, 86 out of every thousand such children died during the year; in Paisley 73 did the same; in Greenock 64; in Dundee nearly 60; in Edinburgh 46; in Leith 45; and in Aberdeen and in Perth 41. Again of every hundred deaths, those at ages under 5 years constituted in Perth 29.8 of them; in Edinburgh 31.3; in Aberdeen 31.8; in Dundee and Paisley 39.6; in Leith 40.6; and in Glasgow and Greenock 45.5.

Table XI. indicates the percentage of deaths from various classes of disease, and from the principal diseases to the population of each

town as estimated to the middle of the year; and Table XII. exhibits the relative intensity of the same causes of death, allowance being in all cases made for those causes which are not precisely specified.

Table VII.—Births, Deaths, and Marriages, and their Proportion to the Population, in the Principal Town Districts of Scotland, during each of the Years 1855-1885.

	Population	111	THS.	DE.	ATHS.	MARRIAGES.		
YEARS.	estimated to the niddle of each year.	Number.	Per cent, to Population.	Number.	Per cent. to Population.	Number.	Per cent. to Population	
1855	827,558	28.118	3-39	22,706	274	6,937	0.84	
1856	837,540	81,719	3.78	22,254	2.65	7,507	0.89	
1857 -	847,522	32,674	3.85	23,363	2.75	7,476	0.88	
1856	857,504	82,563	8.79	23,445	2.73	6,865	0.80	
1859	867,486	88,027	3.80	22,352	2.56	7,554	0.87	
1860	877,468	\$2,958	8.75	26,066	2.97	7,688	0.87	
1861	889,138	84,851	3.86	23,149	2.60	7.753	0.87	
1862	906,042	84,486	8.80	24,960	2.76	7.724	0.85	
1863	923,276	85,888	3.88	27,045	2.93	8,544	0.85	
1864	940,840	87,058	3-94	28,845	8.07	8,897	0.92	
1865	958,731	38,109	3-97	28,515	2.90	9,347	0.94	
1866	976,986	88,541	8-94	27,466	2.81	9,468	0.96	
1867	995,588	39.012	8-96	26,519	2.69	8.870	0.90	
1868	1,014,586	39,492	3.89	28,037	2.76	8,589	0.86	
1869	1,083,853	89.517	8.82	81,467	8:04	9.156	0.88	
1870	1,053,542	40,452	8-83	28,508	2.70	9,738	0.92	
1871	1,081,558	40,442	8.74	31,426	2-91	9,819	0.91	
1872	1,098,440	41,678	8.81	80,199	2.76	10,427	0.95	
1873	1,105,452	41,500	8.75	80,008	2.71	10,594	0.96	
1874	1,117,596	42,631	8.81	82,124	2.87	10,574	0.95	
1875	1,129,874	48,621	8.86	80,983	2.74	10,670	0.94	
1876	1,142,287	44,265	8.87	27,977	2.45	10,722	0.94	
1877	1,154,836	44,575	3.86	28,227	2.44	10,706	0.98	
1878	1,167,524	44,829	8.80	29,425	2.52	9,727	0.88	
1879	1,180,541	43,618	8.69	27,144	2.30	9,490	0.80	
1880	1,198,820	42,908	8.60	28,878	2.42	9,763	0.82	
1881	1,206,057	42,909	8.26	27,243	2.26	10,496	0.87	
1882	1,219,586	43,549	· 8·57	27,759	2-28	10,758	0.88	
1883	1,464,201	52,148	3.56	85,311	2:41	13,114	0.89	
1884	1,490,648	54,949	8.64	84,231	2.29	12,256	0.82	
1885	1,515,585	52,100	8-44	32,839	2.17	11,618	0.77	

Table VIII.—Births, Deaths, and Marriages, and their Proportion to the Population, during the Year 1885, in each of the following Principal Towns of Scotland; Estimated Number of Unmarried Women and Widows between 15 and 45 years of age; also the Illegitimate Births, and their Proportion to the Total Births, and to the Number of possible Mothers.

Population estimated. Towns. In the middle of 1885.	Population	BIRTHS.		Women lows and 45.	ILLEGIT. BIRTHS.			DEATHS.		MARRIAGES.	
	Num- ber.	Per cent. to Pop.	Unmarried Wom and Widows between 15 and	Num- ber.	Per cent. to Total Births.	Percentage to Possible Mother .	Num- ber.	Per cent. to Pop.	Num- ber.	Per cent. to Pop.	
Glasgow	519,965	19,853	3.83	68,593	1687	8.2	2.89	13,486	2.59	4562	0-88
Edinburgh	250,616	7,869	2-94	42,080	661	9.0	1.57	4,558	1.83	2066	0.82
Dundee	152,888	4,950	8.24	25,704	548	11-1	2-13	8,078	2.01	1036	0.68
Aberdeen	113,212	3,885	3· <b>4</b> 8	16,204	421	10.8	2.60	2,030	1.79	857	0-76
Greenock	73,695	2,884	8 <del>·2</del> 8	7,401	185	5-7	1.83	1,546	2·10	428	0-58
Leith	68,414	2,282	8.84	7,269	158	6.9	2·17	1,149	1.68	508	0.74
Palaley	59,108	2,191	871	9,023	163	7.4	1.81	1,474	2-49	487	0.82
Perth	81,822	886	2.83	4,545	83	9-4	1.88	540	172	213	0.68

For the first time in this Report the nomenclature of disease which has been in use in the English Reports for a few years is followed, and

the tables have been arranged to suit this change.

The deaths from Zymotic diseases are at the rate of 0.293 per cent. of the total estimated inhabitants of the towns and constituted 13.34 per cent. of the deaths from all causes. In Glasgow the percentage of the population dying from this class of diseases was 0.404; in Paisley 0.356; in Greenock 0.255; in Leith 0.245; in Perth 0.218; in Edinburgh 0.191; and in Aberdeen 0.157.

Of the total deaths Zymotics caused 15.57 per cent. in Glasgow; 14.56 per cent. in Leith; 14.29 per cent. in Paisley; 12.66 per cent. in Perth; 12.18 per cent. in Greenock; 10.61 per cent. in Dundee; 10.52

per cent. in Edinburgh; and 8.75 per cent. in Aberdeen.

In Glasgow 3.98 per cent. of all the deaths is due to Hooping-cough; 28 per cent. to Measles; 2.22 per cent. to Scarlet Fever; 1.00 per cent. 0.85 per cent. being Enteric; and 2.59 per cent. to Diarrhæa

one in Greenock, and of the mortality was due to Hooping-Of the 6 in Glasgow, her cent. being Enteric; 1.10 per 1 in June, a male, aged 26 years let Fever; and 0.35 per cent. eea and Dysentery.

greatest percentage followed by Measles

Table XII.—Percentage of Deaths from different Diseases but 0.13 per cent.;
Principal Towns of Scotland during the Year 1885, alfold, and 0.10 to specified.

DISEASES CAUSING DEATH.	Total Eight Towns.	Glasgow.	Edinburgh.	Dundee.	Aberdeen.	Greenock	'TWES	_
Zymotic Constitutional Developmental Nervous System Organs of Circulation Respiratory Organs Organs of Digestion Urinary Organs Violent Deaths Small-pox	13:34 18:65 6:99 12:39 6:90 22:84 7:17 1:96 3:06	15.57 18:39 5:65 11:50 5:66 25:08 6:98 1:77 2:94	10·52 20·90 8·36 12·01 9·11 19·36 7·35 2·66 8·17	10·61 18·40 8·11 12·18 7·78 28·96 5·60 1·46 3·87	8-75 19:24 10:14 13:99 9-64 18:50 8:21 2-42 2:72	12·18 16·87 5·99 15·88 5·73 23·71 6·84 1·56 3·78	14·56 19·70 6·89 13·08 7·32 20·31 8·28 2·61 2·70	21 10 1-71 2-16
Measies Scarlet Fever Hooping-cough Diphtheria All Fevers, viz., Typhus Enteric Relapsing Corebro-Spinal Simple or Ill-defined Simple Cholera Diarrhosa and Dysentery Cancer Phthisis Dev. Dis. of Children Age Apoplexy Paralysis Coavulaions Croup Brouchtitis Pneumonia Dentition All Liver Diseases	0-03 2-08 1-48 3-48 0-91 1-20 0-20 0-01 0-03 0-07 2-58 2-58 11-21 2-60 1-98 8-81 1-24 8-81 1-22	0.04 3.28 2.22 3.98 0.85 1.00 0.11 0.85 0.04 0.00 0.00 0.00 2.59 1.91 11.45 8.00 2.65 8.00 2.00 2.00 2.00 2.00 2.00 2.00 2.00	0·00 0·36 2·75 1·10 0·24 1·64 1·64 1·64 1·64 1·64 1·64 1·64 1·6	0.00 1.53 2.60 1.04 0.71 0.10 0.58 0.00 0.00 0.00 2.64 12.01 12.01 4.66 1.92 3.16 2.08 1.92 1.93 1.94 1.94 1.94 1.94 1.94 1.94 1.94 1.94	0-00 0-59 1-04 0-74 0-10 0-64 0-10 0-00 0-00 0-00 2-67 4-10 9-94 4-10 9-94 4-10 9-94 1-93 8-02 1-93 1-93 1-93 1-93 1-93 1-93 1-93 1-93	0.06 1-11 0.52 8-52 1-30 1-50 0.09 0.00 0.00 0.13 2-86 2-93 2-93 2-96 1-17 0-91 10-68 10-75 1-17	0-00 0-09 1-83 3-40 1-22 2-00 1-04 0-00 0-00 0-09 2-27 2-00 10-96 3-23 3-56 3-31 2-35 2-35 2-35 2-67 0-78	0-07 1-97 1-90 3-95 0-20 1-50 0-00 0-07 0-265 1-77 9-73 2-45 4-97 2-45 4-97 2-45 4-97 2-18 7-28

In Aberdeen, 1.04 per cent of the deaths is due to Hooping-cough; 099 per cent. to Scarlet Fever; 0.59 per cent. to Measles; 0.84 per cent. to Fevers, Typhoid being 0.64; Diphtheria 0.74; Diarrhoea and Dysentery

causing 2.67 per cent.

In Greenock, 3.52 per cent. of the total deaths are accredited to Hooping-cough; 1.30 per cent. to Diphtheria; 1.11 per cent. to Measles; 0.52 per cent. to Scarlet Fever, and 1.50 per cent. to Fevers, 0.91 per cent of them being Typhus, and 0.59 Typhoid; 2.86 per cent. are due to Diarrhoeal Affections.

In Leith, Hooping-cough caused 3.40 per cent. of the deaths; Scarlet Fever 1.83 per cent.; Diphtheria 1.22 per cent.; Fevers 2.00 per cent., 1.04 being Typhus, and 0.96 Typhoid or Enteric; Diarrhœa and Dysentery causing 2.27 per cent.

In Paisley, 3.95 per cent. of the deaths are due to Hooping-cough; 197 per cent. to Measles; 1.90 per cent. to Scarlet Fever; 0.20 per cent. to Diphtheria; 150 per cent. to Fevers, 136 Typhoid; and 265 per cer

to Diarrhœa.

In Perth, 5.96 per cent. are due to Hoonings per cent. to to Diphtheria; 0.37 per cent. to Scaraling to Diarrheea and Fevers, all being Typhoid; 3:16 Dysentery.

rent Diseases to the Population in each of Eight of the Table XI.—Percentage of Derme Year 1885, allowing for the Causes not specified. Principal Towns of

otal Eight Fowns. 2-195 0-298 0-409 0-153 0-272 0-151 0-501 0-157	2:593 0:404 0:477 0:146 0:298	1·917 0·191 0·380 0·152	2.014 0.214 0.371	V perdoen.	2.098 0.255	1·679 0·245	7. Paisley.	1-724
0-293 0-409 0-153 0-272 0-151 0-501	0·404 0·477 0·146 0·298	0·191 0·380	0.214	0.157				1.724
0°409 0°153 0°272 0°151 0°501	0·477 0·146 0·298	0.380			0.255	0.045		
	0·147 0·649 0·180	0-218 0-165 0-352 0-133	0·163 0·245 9·157 0·483 0·113	0°345 0°181 0°251 0°173 0°332 0°147	0:354 0:126 0:332 0:120 0:497 0:143	0°245 0°331 0°116 0°220 0°125 0°341 0°139	0:056 0:373 0:185 0:382 0:136 0:525 0:253	0·218 0·308 0·212 0·234 0·173 0·266 0·125
0.043 0.067	0.046 0.076	0.048 0.057	0.029 0.078	0.013 0.019	0.033 0.079	0:044 0:045	0.044 0.054	0-038 0-045
0-001 0-044 0-032 0-076 0-026 0-004 0-021 0-000 0-000 0-000 0-056 0-246 0-057 0-057 0-043 0-043 0-043 0-043 0-027 0-027 0-027 0-027 0-026	0·001 0·085 0·057 0·103 0·022 0·022 0·022 0·000 0·000 0·000 0·001 0·002 0·049 0·049 0·052 0·053 0·052 0·052 0·052 0·052 0·052 0·052 0·052 0·052 0·052 0·052 0·053 0·052	0.000 0.006 0.012 0.050 0.020 0.034 0.004 0.030 0.000 0.000 0.000 0.000 0.000 0.006	0.000 0.031 0.003 0.052 0.021 0.001 0.001 0.001 0.000 0.000 0.000 0.005	0-000 0-011 0-018 0-019 1-013 0-015 0-002 0-011 0-000 0-000 0-000 0-002 0-000 0-048 0-067 0-114 0-056 0-035 0-014 0-185 0-025 0-020	0-001 0-023 0-011 0-074 0-037 0-031 0-012 0-000 0-000 0-003 0-060 0-042 0-064 0-060 0-056 0-025 0-064 0-025 0-019 0-224 0-224 0-218 0-034	0.000 0.001 0.001 0.001 0.001 0.001 0.0024 0.018 0.016 0.000 0.001 0.000 0.001 0.008 0.004 0.006	0.001 0.049 0.049 0.098 0.035 0.037 0.001 0.037 0.001 0.005	0.000 0.000 0.000 0.000 0.013 0.000 0.013 0.000
	0-067 0-001 0-044 0-032 0-026 0-020 0-024 0-021 0-000 0-001 0-005 0-055 0-056 0-071 0-082 0-057 0-048 0-048 0-057	0-067 0-076 0-001 0-001 0-044 0-085 0-076 0-032 0-057 0-076 0-103 0-020 0-022 0-026 0-004 0-003 0-001 0-002 0-000 0-000 0-001 0-002 0-002 0-005 0-067 0-055 0-067 0-056 0-049 0-055 0-057 0-057 0-058 0-058 0-059 0-058 0-059 0-058 0-059 0-058 0-059 0-058 0-059 0-058 0-059 0-058 0-059 0-058 0-059 0-058 0-059 0-058 0-059 0-058 0-059 0-058 0-059 0-058 0-059 0-058 0-059 0-058 0-059 0-058 0-059 0-058 0-059 0-058 0-059 0-058	0-067	0-067         0-076         0-057         0-078           0-001         0-001         0-000         0-000           0-044         0-085         0-006         0-031           0-057         0-012         0-003         0-050         0-052           0-076         0-103         0-050         0-052         0-021           0-026         0-026         0-034         0-014         0-002         0-021           0-004         0-003         0-004         0-003         0-011         0-000         0-000         0-000         0-000         0-000         0-000         0-000         0-000         0-000         0-000         0-000         0-000         0-001	0-067         0-076         0-057         0-078         0-049           0-001         0-001         0-000         0-000         0-000           0-044         0-085         0-006         0-031         0-011           0-076         0-103         0-050         0-052         0-019           0-076         0-103         0-050         0-052         0-019           0-026         0-026         0-034         0-014         0-015           0-004         0-003         0-044         0-012         1-013           0-026         0-26         0-034         0-014         0-015           0-004         0-003         0-041         0-015         0-001           0-004         0-003         0-001         0-001         0-001           0-000         0-000         0-000         0-000         0-000           0-001         0-000         0-000         0-000         0-000           0-002         0-001         0-001         0-001         0-002           0-055         0-067         0-037         0-053         0-048           0-056         0-049         0-078         0-052         0-074           0-071	0·067         0·076         0·057         0·078         0·049         0·079           0·001         0·001         0·000         0·000         0·000         0·001         0·001           0·044         0·085         0·006         0·031         0·011         0·023           0·057         0·012         0·033         0·018         0·011           0·057         0·012         0·031         0·018         0·011           0·026         0·022         0·020         0·021         1·013         0·074           0·026         0·034         0·014         0·015         0·031         0·031           0·040         0·033         0·040         0·002         0·021         0·019           0·000         0·000         0·000         0·000         0·001         0·001         0·001           0·000         0·000         0·000         0·000         0·000         0·000         0·000           0·001         0·002         0·001         0·001         0·003         0·011         0·01         0·003           0·000         0·000         0·000         0·000         0·000         0·000         0·000         0·000         0·000         0·000 <t< th=""><th>0·067         0·076         0·057         0·078         0·049         0·079         0·045           0·001         0·001         0·000         0·000         0·000         0·001         0·001         0·001         0·000           0·044         0·085         0·006         0·031         0·011         0·023         0·001           0·057         0·122         0·003         0·018         0·011         0·023         0·001           0·076         0·103         0·050         0·052         0·019         0·074         0·091           0·020         0·022         0·020         0·021         1·013         0·031         0·034           0·040         0·003         0·014         0·015         0·031         0·034         0·014         0·015         0·031         0·034           0·040         0·003         0·041         0·015         0·031         0·034         0·014         0·015         0·031         0·034           0·004         0·003         0·041         0·015         0·031         0·034         0·014         0·015         0·031         0·034           0·001         0·002         0·000         0·000         0·000         0·000         0·000</th><th>0·0667         0·076         0·057         0·078         0·019         0·079         0·045         0·044           0·001         0·001         0·000         0·000         0·001         0·001         0·000         0·001           0·044         0·085         0·006         0·031         0·011         0·023         0·001         0·049           0·037         0·012         0·003         0·018         0·011         0·031         0·049           0·076         0·103         0·050         0·052         0·019         0·074         0·091         0·098           0·022         0·020         0·021         1·013         0·037         0·020         0·021         0·014         0·015         0·031         0·034         0·014         0·015         0·031         0·034         0·037         0·001         0·019         0·018         0·031         0·034         0·034         0·011         0·011         0·012         0·019         0·031         0·034         0·034         0·011         0·011         0·019         0·018         0·031         0·034         0·031         0·031         0·034         0·031         0·034         0·031         0·034         0·031         0·034         0·031</th></t<>	0·067         0·076         0·057         0·078         0·049         0·079         0·045           0·001         0·001         0·000         0·000         0·000         0·001         0·001         0·001         0·000           0·044         0·085         0·006         0·031         0·011         0·023         0·001           0·057         0·122         0·003         0·018         0·011         0·023         0·001           0·076         0·103         0·050         0·052         0·019         0·074         0·091           0·020         0·022         0·020         0·021         1·013         0·031         0·034           0·040         0·003         0·014         0·015         0·031         0·034         0·014         0·015         0·031         0·034           0·040         0·003         0·041         0·015         0·031         0·034         0·014         0·015         0·031         0·034           0·004         0·003         0·041         0·015         0·031         0·034         0·014         0·015         0·031         0·034           0·001         0·002         0·000         0·000         0·000         0·000         0·000	0·0667         0·076         0·057         0·078         0·019         0·079         0·045         0·044           0·001         0·001         0·000         0·000         0·001         0·001         0·000         0·001           0·044         0·085         0·006         0·031         0·011         0·023         0·001         0·049           0·037         0·012         0·003         0·018         0·011         0·031         0·049           0·076         0·103         0·050         0·052         0·019         0·074         0·091         0·098           0·022         0·020         0·021         1·013         0·037         0·020         0·021         0·014         0·015         0·031         0·034         0·014         0·015         0·031         0·034         0·037         0·001         0·019         0·018         0·031         0·034         0·034         0·011         0·011         0·012         0·019         0·031         0·034         0·034         0·011         0·011         0·019         0·018         0·031         0·034         0·031         0·031         0·034         0·031         0·034         0·031         0·034         0·031         0·034         0·031

Grouping these Eight Towns together, the following is the mortality ascribed to the more important specific febrile diseases. 964 deaths are placed against Hooping-cough (a great diminution on the number occurring last year), equal to 3.48 per cent. of the total registered deaths, and a mortality rate of over seven in every ten thousand of their estimated populations. Diarrhea and Dysentery caused 699 deaths, or 2.53 per cent. of the total deaths, a death-rate of 5.5 per ten thousand of population. Measles causes 561 deaths, or 2.03 per cent. of all the deaths, equal to a death-rate of 4.4 per ten thousand of population; Scarlet Fever accounting for 410, or 1.48 per cent. of all the deaths, equivalent to 3.2 per ten thousand.

Fevers caused 332 deaths, or 1.20 per cent. of all, equal to a rate of 2.6 per ten thousand of population, of those Typhus causes 58 deaths, and Typhoid 263, most of the former occurring in Glasgow, Greenock,

and Leith, the latter in Glasgow and Edinburgh.

Diphtheria caused 253 deaths, or a percentage of 0.91 of the total

mortality, a death-rate of 2.0 per ten thousand.

From Small-pox eight deaths occurred in the Towns, six in Glasgow,

one in Greenock, and one in Paisley.

Of the 6 in Glasgow, 1 occurred in February, a male, aged 19 years; 1 in June, a male, aged 26 years; 2 in September, an infant aged 2 months,

Table XII.—Percentage of Deaths from different Diseases to the Total Deaths in each of Eight of the Principal Towns of Scotland during the Year 1885, allowing for the Causes of Death not specified.

DISEASES CAUSING DEATH.	Total Eight Towns.	Glasgow.	Edinburgh.	Dundee.	Aberdeen.	Greenock.	Leith.	Paisley.	Perth.
Zymotic Constitutional Developmental Nervous System Organs of Circulation Respiratory Organs Organs of Digestion Urinary Organs Violent Deaths	13:34 18:65 6:99 12:39 6:90 22:84 7:17 1:96 3:06	15·57 18·39 5·65 11·50 5·66 25·03 6·93 1·77 2·94	10·52 20·90 8·36 12·01 9·11 19·36 7·35 2·66 3·17	10·61 18·40 8·11 12·18 7·78 23·96 5·60 1·46 3·87	8·75 19·24 10·14 13·99 9·64 18·50 8·21 2·42 2·72	12·18 16·87 5·99 15·83 5·73 23·71 6·84 1·56 3·78	14.56 19.70 6.89 13.08 7.32 20.31 8.28 2.61 2.70	14·29 14·97 7·42 16·31 5·44 21·03 10·14 1·77 2·18	12-66 17-87 12-29 13-59 10-05 15-46 7-26 2-23 2-61
Small-pox Measles Scarlet Fever Hooping-cough Diphtheria All Fevers, viz., Typhus Enteric Relapsing Cerebro-Spinal Simple or Ill-defined	0.03 2.03 1.48 3.48 0.91 1.20 0.20 0.95 0.01 0.01	0·04 3·28 2·22 3·98 0·85 1·00 0·11 0·85 0·04 0·00	0.00 0.35 0.66 2.75 1.10 1.89 0.24 1.65 0.00 0.00	0·00 1·53 0·13 2·60 1·04 0·71 0·10 0·58 0·00 0·03	0.00 0.59 0.99 1.04 0.74 0.84 0.10 0.64 0.00 0.00	0.06 1.11 0.52 3.52 1.30 1.50 0.91 0.59 0.00 0.00	0.00 0.09 1.83 3.40 1.22 2.00 1.04 0.96 0.00 0.00	0.07 1.97 1.90 3.95 0.20 1.50 0.07 1.36 0.00 0.00	0-00 0-00 0-37 5-96 0-93 0-74 0-00 0-74 0-00
Simple Cholera Diarrhesa and Dysentery Cancer Phthisis Dev. Dis. of Children Age Apoplexy Paralysis Convulsions Croup Bronchitis Pneumonia	0·07 2·53 2·58 11·21 3·23 3·76 2·43 2·60 1·98 0·83 12·43 8·31	0·09 2·59 1·91 11·45 3·00 2·65 1·97 2·00 2·03 0·85 13·56 9·31	0.04 2.02 4.31 11.51 3.65 4.71 3.19 2.55 1.89 0.64 10.01 6.97	0.06 2.64 2.61 12.01 3.45 4.66 1.92 3.16 2.08 0.62 13.87 8.63	0.00 2.67 4.10 9.94 3.76 6.38 3.02 3.61 1.93 0.79 10.33 5.74	0·13 2·86 2·02 10·10 2·93 3·06 2·86 2·67 1·17 0·91 10·68 10·75	0.09 2.27 2.00 10.98 3.66 3.23 3.68 3.31 2.35 2.00 12.03 5.67	0-20 2-65 1-77 9-73 2-45 4-97 2-38 4-83 2-25 0-95 12-18 7-28	0-00 3-16 3-54 10-61 4-28 8-01 4-28 2-98 1-67 0-37 10-80 3-91
Dentition All Liver Discases Dropsy	1·22 1·15 0·42	1.08 1.18 0.49	0.35 0.35	0.85 0.85	1:38 1:14 0:34	1.63 0.85 0.65	0.78 1.22 0.26	4·42 1·09 0·20	0.93 1.86 0.00

and a male, aged 24 years; 2 in November, a male, aged 25, and a female, aged 26 years. In Greenock the death of a male, aged 42, is registered in December; and in Paisley a male, aged 27, in October.

The total number of these Zymotic deaths, as grouped together, is

3227, as compared with 4541 for last year.

Erysipelas caused 131 deaths, and Syphilis 145.

Among Constitutional diseases, we find Rheumatism and Rheumatic Fever to have caused 127 deaths. Cancer caused 713 deaths, or 2:58 per cent. of the total mortality, or 5:6 deaths in every ten thousand of their populations, the largest proportion of such occurring in Edinburgh, Aberdeen, and Perth. Ascites and Dropsy are the assigned causes of 117 deaths; and Gout of 4, Edinburgh claiming 3 of them, and Aberdeen the other.

To Phthisis 3104 exits are attributed, being 11:21 per cent. of the total mortality, or in the proportion of 24.6 deaths in every ten thousand of the inhabitants of the towns; and as on former occasions, Glasgow, Paisley, Dundee, and Greenock, apparently suffered most, Aberdeen least.

Acute Hydrocephalus caused 469 deaths; Tabes Mesenterica 394; and 257 occur from the other forms of Scrofula. In all, Constitutional

diseases caused 5162 deaths, or 18:65 per cent. of the total.

Affections of the Brain and Nervous System caused 3430 deaths, equal to 12·39 per cent. of the whole, or to 27 deaths in every ten thousand of population. Greenock and Paisley present the highest death-rate from these, viz., 15·83 per cent., and 15·31 per cent. respectively, followed by Aberdeen with 13·99 per cent.; Perth 13·59 per cent.; Leith 13·08 per cent.; Dundee 12·18 per cent.; Edinburgh 12·01 per cent.; and Glasgow 11·50 per cent.; or in proportion to each ten thousand of their populations as follows—Paisley 38, Greenock 33, Glasgow 30, Aberdeen 25, Dundee 24, Perth 23,—Leith and Edinburgh each with 22 deaths.

From diseases of the Circulatory System 1911 deaths occur, being equivalent to 6.90 per cent. of the deaths, or 15 in every ten thousand of

Table XIII.—Monthly Mortality and Mean Temperature in Scotland during 1885, compared with the Mean of the Ten Years 1871-1880.

		Y	EAR 1	.885.	1871-1,880.			
Монтив.		Mean Temperature.	Actual Deaths.	Proportion to 12,000 per annum or 1000 per month.	Monthly Proportion of Deaths.	Mean Temperature.		
January February March April May June July August September October November December		35°-9 88°-5 38°-7 48°-9 45°-2 53°-6 57°-5 53°-6 50°-8 42°-4 40°-3 88°-2	8,169 6,782 7,005 6,501 6,212 6,080 5,540 5,467 4,974 5,239 6,038 6,616	1,314 1,088 1,137 1,046 999 978 891 879 800 843 971	1,154 1,061 1,138 1,064 1,040 939 921 898 894 885 949 1,122	37*-5 38*-6 40*-2 44*-3 48*-4 54*-7 57*-8 57*-8 57*-8 46*-5 40*-2 87*-0		
YEAR .	•	44*9	74,608	12,000	12,000	46*-9		

population. Perth stands highest with 10.05 per cent. of its whole mortality due to diseases of this nature, followed by Aberdeen with 9.64, and Edinburgh, 9.11 per cent., Glasgow and Paisley standing lowest, with

5.66 and 5.44 per cent. respectively.

6323 deaths occurred from diseases of the Respiratory System (not including Phthisis), or 22.84 per cent. of all the deaths in these towns are due to them; equal to a death-rate of 50 per ten thousand of their inhabitants. Glasgow suffered to the extent of 25.03 per cent. of the total deaths being due to such, or 65 out of every ten thousand of her inhabitants so perished. Dundee and Greenock follow with 23.96 per cent., and 23.71 per cent. respectively of their deaths thus caused, in other words, among every ten thousand of their inhabitants 48 and 50 so die. Aberdeen and Perth suffer least; in the former 18.50 per cent., and in the latter 15.46 per cent. of all deaths being so caused.

Bronchitis ends the lives of 3441 individuals, or 12:43 per cent. of all the deaths; Pneumonia of 2300; Croup of 231; while Pleurisy, and other

Lung diseases, cause 222 exits.

Diseases of the Digestive System caused 1986 deaths, or 7:17 per cent. of the total; in the ratio of 15.7 per ten thousand of population. Dentition caused 337; Enteritis 326; Peritonitis 305; Diseases of the Liver 319.

Diseases of the Urinary Organs caused 544 deaths, 196 per cent. of all, or 43 in every ten thousand of population. Of this order Acute Nephritis and Bright's disease together, caused 289 deaths.

782 registry entries are due to Premature Births; 73 to Congenital

Malformation, as Cyanosis, Spina Bifida, &c., and 1040 to Old Age.

Atrophy and Debility are assigned causes for 935 deaths, and in 168 cases the cause is not ascertained, or so ill-defined as to be of no use in compiling our tables.

Violence ends 846 lives, 3.06 per cent. of the gross mortality, and

6.7 in every ten thousand of population.

In Greenock, Dundee, and Glasgow, nearly 8 deaths in every ten thousand of their populations are accidental; in Aberdeen, Leith, and Perth, they are under 5. To Intemperance 81 deaths are directly due; by Suicide 65 persons ended their lives; and in 4 cases Murder or Manslaughter was the cause.

In these Eight Towns, 71 persons died during the year aged 90 or over, 15 being men and 56 women; three of the latter had attained to

ages over 100, two being 102 at death, and one 107, all widows.

#### MARRIAGES IN THE EIGHT TOWNS.

10,157 Marriages are registered as having been celebrated in these towns, which is in the ratio of 80 for every ten thousand of their estimated populations. The rate varies in the different towns, as is seen on Table VIII., where Glasgow stands first with 88 in the above mentioned proportion; Edinburgh and Paisley come next with 82; Aberdeen with 76; Leith with 74; Dundee and Perth each with 68; and Greenock with 58.

#### WEATHER AND ITS INFLUENCE ON THE MORTALITY.

The following remarks on the weather of 1885 are extracted from the Astronomer-Royal's Notes appended to the Monthly Reports, issued by the Registrar-General:—

January was characterised chiefly by the unusual amount of easterly wind, and its usual concomitants low mean temperature and rather scanty

rain, especially on the East Coast.

Although the Mean Barometric pressure was lower than ever recorded before for a February month, that was due so largely to the absence of north winds and the preponderance of west and south over east, that the month in 1885 may be pronounced favourable on the whole. The force of the wind was indeed rather in excess, and the rain-fall slightly in excess also, but the humidity of the air was the average of former years, and the mean temperature 0°7 higher.

Without deviating very far from the average of former years on any one point, the weather of *March* 1885 may be generally characterised as sharp, or dry, cold and bracing; the mean barometric pressure having been high and rather steady, the mean temperature slightly below the average, the humidity less, the rain less in both its depth and number of days of falling, the strength of the wind rather greater but its several directions nearly as usual.

Table XIV.—Meteorology of Scotland for 1885, deduced from Observations made at 55 Stations of the Meteorological Society of Scotland, the particulars for each of the Stations having been published in the Quarterly Reports of the Registrar-General; also the Number of Births, Deaths, and Marriages registered during each Month of the Year 1885.

1885.	Jan.	Feb.	Mar.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Year.
Highest Temp. in shade									69*-5			59*-0	
Lowest Temp. in do.	5°·2								21°.0				
Mean Day Temp	40°-2								58°·0		45°-4	48*-4	
Mean Night Temp	31°-6					45**3						88.0	
Daily Range	86	111	135	148	14° 2	16°-6	17*-5	15°-3	14*-4	11.4	10°-2	10.3	13*1
Mean Temperature .	85°-9	38*-5	38-7	43*-9	45*-2	58°-6	b7*·5	53°-6	50°·8	42°-4	40°-8	88*-2	44**9
Highest Temp. In sun Lowest on grass at	77*-0	98*-5	108*-0	115**8	117*-0	182*-0	184°-0	123°-0	122**0	10 <b>5°·0</b>	89°-0	95°-0	184**0
night	<b>8</b> ~0	4*.5	12°·0	15°∙0	19*-5	25*.0	<b>26°</b> ·0	25**5	14*-5	9••0	6°-4	8.0	8°-0
Wet-bulb Temperature	34* 9	36*-4	36°·4	41°-5	42*-7	50°-0	54°-2	50°-8	48°-2	40°-3	38*:6	37°·0	42*-6
Dew-print Temp	38°-0	34*-5	38**7	38**6	39°-5	46°-5	51°.4	48*-4	45°-7	88*.0	36°-7	35*-2	40*1
Humidity of Air	88	89	84	82	81	78	81	88	84	85	88	89	84
Elastic force of Vapour (inches)	·189	-200	·194	-285	-244	·318	-382	·840	-309	-229	-218	206	-255
, , , , , , , , ,													1
Number of Rainy Days	15	18	18	11	20	11	11	10	. 19	18	14	14	174
Amount of Rain (inch)	2-98	4.32	2.28	2.26	8.22	1.45	1.65	2.70	5.32	3.28	2.54	2.89	85.42
Amount of Cloud	6-9	6.1	6.1	5-9	6.6	6.1	5.8	6.3	6.2	6.2	6.6	6.0	6.2
Hours of Sunshine .	36	88	118	155	144	207	228	165	138	99	48	55	1471
Mean Barometer (inch)	29-798	<b>29·4</b> 62	29· <b>9</b> 97	29.778	29.719	29-992	30-099	29-977	29.706	29.683	29-829	30-010	29-837
Easterly Winds (days)	11		8	12	10	7	7	13			١., ١	_ ,	103
Westerly Winds (days)	ii	16	16	11	13	17	17	10	5 17	10 13	11 12	20	178
(,													
Births	10.812	9.529	10.537	10.918	10.654	10.882	10,850	10.345	10.079	10.878	9.918	10.758	12611
Deaths	8,169	6.762	7,005	6,501	6,212	6.080	5,540	5.467	4.974	5,239	6,038		74,60
Marriages	8,406	1,466	1,586	1,761	1,017	3,585	2,508	1,607	1,564	1,642	2,888		25,25
Daily Births	340	840	840	864	844	361	850	888	386	851	881	847	845
Daily Deaths	263	241	226	217	200	208	179	176	166	169	201	218	204

April had a mean temperature just equal to the average of former years, much cold weather in the beginning of the month, being balanced by warm weather towards the end of it; otherwise it inclined, in less humidity and less rain, but more wind strength, to the dry and windy.

May was undoubtedly cold, wet, windy, and afflicted with low barometric pressure, this last exceeded only once before, viz., in 1878. The mean temperature also was only once lower, viz., in 1869. The rain-fall was of the same depth in 1872, but has not been greater since 1862; while the number of rainy days has never been equalled before in any

month of May.

June was dry and windy, with high barometric pressure and very large barometric range. The dryness, indeed, was quite exceptional, the rain-fall being only about one-third of the average amount for the last twenty-nine years, and, excepting last year, never having been so small for the same month in any other year within that number; while the number of days of falling was less by five than the average. The mean temperature was slightly less than the average.

July was characterised chiefly by great barometric pressure, great daily range of temperature, very small rain-fall; more south and less north wind than usual, together with a preponderating direction from the

westward.

The characteristic of August was its unusual coldness, caused mainly and immediately by the great preponderance of East and North winds over West and South in place of the reverse arrangement ordinarily experienced.

With an unusually low barometric pressure, and a predominance of west wind in more than the average strength, the mean temperature of

Table XV.—Showing the connection between certain Atmospheric Phenomena, especially Temperature, and the Deaths from certain Diseases and Classes of Disease, in Eight of the Principal Towns of Scotland, during each Month of the Year 1885.

1885.	Jan.	Feb.	Mar.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.
Mean Temperature	36°-7	40°-0	40°.0	45°·0	46°-6	55°·1	59°·1	54°-6	52°·0	43°-6	41°.0	39°-2
Highest Temperature	52°.3	54°.8	59°.0	66°.3	64°-9	79°-8	880.0	750-7	69°0	57°.2	62°-1	5700
Lowest Temperature	20°-0	20°-5	23°-0	27°0	29°-9	34°-5	41°.0	34°.0	26°0	210.0	13°0	14°0
Rainfall in inches	2.60	3.63	2.34	1.87	3.35	0.89	1.33	2.43	4.58	2.38	2.13	1.95
Easterly Winds (days) .	14	6	8	13	11	- 8	9	17	6	12	13	6
Westerly Winds (days)	11	18	18	12	16	19	19	10	19	13	13	24
Total Deaths	3171	2421	2614	2413	2223	2260	2026	2085	1822	1983	2281	2557
Daily Deaths	102	86	84	80	72	75	65	67	61	64	76	82
Miasmatic Diseases	326	306	308	270	219	218	153	148	134	150	161	153
Small-pox	_	1	_	_		1	-	-	2	1	2	1
Measles	102	82	96	89	57	58	26	14	11	8	10	
Scarlet Fever	36	48	42	27	17	30	21	22	36	44	49	38
Hooping-Cough	124	122	125	103	102	85	73	61	41	40	43	42
Diphtheria	23	25	20	16	15	21	10	26	14	29	29	2
All Fevers	39	27	25	33	27	23	22	25	28	27	26	30
Simple Cholera	-	_	1	_	1	1	5	7	3	3	-	100
Diarrhœa and Dysentery .	36	27	26	27	28	33	77	209	92	63	47	3
Phthisis	307	256	313	280	299	276	221	227	227	238	208	25
Croup	39	30	25	14	9	10	10	10	18	25	18	2
Diseases, Respiratory Organ		659	601	565	454	446	319	254	287	418	653	74
Heart, etc., Diseases	203	124	185	166	161	145	164	146	131	139	158	18
Heart, etc., Diseases Brain, etc., Diseases	349	271	332	285	284	331	261	275	229	219	277	31
Premature Births	87	42	65	73	64	68	70	61	70	65	64	5
Age	130	109	108	78	70	83	72	75	60	77	80	9

September 1885, was lower than that of any year since 1877; while the number of rainy days was larger, and the depth of rain-fall greater, than the average by nearly a third part, making altogether a very inclement month.

During the month of October, there was a very unusual preponderance of N.N.W. wind, bringing with it a lower mean temperature than has ever been previously recorded for October, except in the year 1880, when it was exactly the same.

November was very near the mean of all previous recorded Novembers as to its mean quantities, in almost every item of registration, excepting only that the depth of rain-fall was less by about a third part, and the direction of the wind was much more from the East and North-East than customary.

The prevailing characteristic of the weather for *December* was very high barometric pressure, accompanied by the unusual simultaneous feature of large range of the barometer, the two together resulting in a very windy month combined with dryness.

Table XIII. shows the monthly mortality, and mean temperature, throughout Scotland during 1885; and in the last two columns there is given, for sake of comparison, the monthly proportion of deaths, and mean temperature for each month, for the decennial period 1871-80. On comparing the mean monthly temperature of the present year (1885), with that for the ten years, it is found that for every month in the former, with the exception of November and December, this is below that of the latter. During the months presenting the lowest mean tem-

Table XVI.—Deaths, Temperature and Fall of Rain in Eight of the Principal Towns of Scotland during each Week of the Year 1885; also the Proportion of Deaths to every Thousand of the Population.

Week.	Week ending		DEATHS.	Prop. to wery 1000 of Population.	TE	MPERATI	JRE.	RAIN,	No. Week.	Week ending	DEATHS.	Prop. to very 1000 of Population.	TEM	IPERAT	URE.	RAIN
of W				Pro every Popul	Mean.	Highest.	Lowest.	inches	of W	Wood onling		Prop. every 1 Popula	Mean.	Highest.	Lowest.	inche
10	Mary I		1000		ō	0	0						0		0	
1	January	10	744	30-5	38.4	51.0	28.5	0.94	27	July 11	463	19.0	59.8	74.7	41.0	0.38
2		17	709	29.0	34.2	46.7	20.0	0.30	28	18	441	18.1	55.4	69.1	41.0	0.64
2 3		24	695	28.5	34.0	42.3	22.0	0.01	29	25	482	19.7	60.7	83.7	43.2	0.07
4	Barrer C	31	738	30.2	41.0	52.3	30.0	1.21	30	August 1	430	17.6	60.7	82.0	45.0	0.14
5	February	7	649	26.6	39.7	50.0	30.2	0.99	31	8	483	19.8	56.4	76.0	39.0	1.02
6	Charles Inc.	14	609	25.0	42.6	53.6	32.0	1.60	32	15	497	20.4	54.0	68.4	36.9	1.45
7		21	563	23.1	33.7	47.2	20.3	0.21	33	22	478	19.6	57.1	77.1	37.3	0.02
8		28	600	24.6	44.4	54.8	26.0	0.75	34	29	440	18.0	53.1	71.0	38.0	0.02
9	March	7	557	22.8	37.7	47-9	26.0	0.34	35	September 5	487	20-0	53.1	69.0	33.0	0.28
10		14	595	24.4	40.4	53.8	27.0	0.01	36	12	419	17.2	53.3	68.2	35.0	1.41
11		21	590	24.2	41.5	59.0	20.0	0.30	37	19	404	16.6	53.6	68.6	34.5	1.11
12		28	568	23.3	40.2	54.6	23.0	0.61	38	26	424	17.4	50.3	63.0	31.0	0.54
13	April	4	600	25.0	40.9	54.8	29.2	1.05	39	October 3	400	16.4	48.0	58.5	26.0	1.32
14		11	570	23.4	41.4	54.4	27.0	0.57	40	10	400	16.4	45.6	57.2	31.4	0.75
15		18	569	23.3	42-9	63.0	29.0	0.02	41	17	465	19-1	45.0	55.2	25.2	0.18
16		25	.555	22.7	50.0	66.3	34.0	1.05	42	24	438	17.9	41.0	50.5	21.0	0.20
7	May	2	546	22.4	48.7	60.9	35.8	1.01	48	31	518	21.2	40.9	50.0	21.0	1.01
18		9	504	20.6-	42.0	55.3	29.9	0.59	44	November 7	480	19.7	46.2	62.1	27.5	0.60
19		16	570	23.4	43.8	58.8	30.0	0.64	45	14	500	20.5	43.7	57.6	30.5	0.13
20		23	517	21.2	46.6	60.7	35.0	1.03	46	21	553	22.7	33.0	46.7	13.0	0.07
21		30	500	20.5	52.2	64.9	28.0	0.41	47	28	550	22.5	41.0	50.0	32.0	1.23
12	June	6	532	21.8	55.5	68.6	43.3	0.21	48	December 5	596	24.4	41.8	53.0	27.0	0.91
23		13	502	20.6	53.9	76.5	34.5	0.04	49	12	578	23.7	30.5	47.3	14.0	0.16
24		20	508	20.8	55.2	71.0	40.0	0.40	50	19	588	24.1	45.3	57.0	31.0	0.23
25		27	497	20.4	53.9	74.2	38.0	0.10	51	26	560	22.9	40.7	52.0	25.5	0.35
26	July	4	468	19-2	58.4	79.8	41.0	0.21	52	January 2	528	21.6	41.3	57.0	22.7	0.76

perature there is the largest proportion of deaths, January and March being most prominent in this respect; the lowest death-rate occurring during the autumn months of September and October. Table XIV. gives more extended information regarding various meteorological phenomena, deduced from observations made daily at 55 Stations of the Meteorological Society of Scotland scattered over the country.

Table XV. exhibits the connection between certain atmospheric phenomena, and the mortality from certain diseases, in the Eight Towns of Glasgow, Edinburgh, Dundee, Aberdeen, Greenock, Leith, Paisley, and Perth, and from it daily deaths are seen to occur most numerously in them during January, February, March, December, and April, being fewest in September and October, as was also the case throughout the country.

8 deaths from Small-pox were registered in the towns during the year—1 in February, 1 in June, 2 in September, 1 in October, 2 in November, and 1 in December. Measles caused its greatest mortality

Table XVII.—Monthly Deaths at Four Periods of Life in Eight of the Principal Towns of Scotland during the Year 1885, and Proportion at each Age in every Hundred Deaths per Month.

Months.	Ac	tual Nur	nber of E	eaths in	Proportion at each Age in every Hundred Deaths per Month.					
	0-5 Years.	5-20	20-60	60 and above.	Total Deaths.	'0-5 Years.	5-20	20-60	60 and above.	Total.
January	1,348	233	979	616	8,171	42.4	7:3	30-9	19.4	100
February	1,042	218	685	476	2,421	43.0	9.0	28.3	19.7	100
March	1.086	249	789	490	2,614	41.6	9.5	30.2	18.7	100
April	988	212	778	440	2,413	40.7	8.8	32.3	18.2	100
May	901	255	681	386	2,223	40.5	11.5	80.6	17:4	100
June	982	242	670	416	2,260	41.2	10.7	29.7	18.4	100
July	790	235	655	846	2,026	89.0	11.6	32.8	17.1	100
August	913	217	583	872	2,085	43.8	10.4	28.0	17.8	100
September	700	200	583	889	1.822	88.4	11.0	32.0	18.6	100
October	768	168	680	367	1.983	38.7	8.5	34.8	18.5	100
November	906	218	728	439	2,281	39.7	9.8	31.7	19.8	100
December	971	250	820	516	2,557	88.0	9.8	82.0	20-2	100
YEAR	11,385	2,692	8,626	5,203	27,856	40.7	9.6	31.0	18-7	100

TABLE XVIII. - Months equalised to 31 Days, and Deaths at each Age corrected thereto, in order to show the relative Mortality at each Age in Eight of the Principal Towns during each Month of the Year 1885.

W	ONTH	•				Monthly Deaths proportioned to 1000 per month				
	<b>741</b> 11	<b></b> -			0-5 Years.	5-20	20-60	60 and above.	Total.	or 12,000 per annum.
January		•			1,343	238	979	616	8,171	1,340
February					1,154	241	758	527	2,680	1,132
March .					1,086	249	789	490	2,614	1,104
April .				.	1,016	219	804	454	2,498	1,058
May .					901	255	681	386	2,223	989
June .					968	250	692	430	2,335	986
July .					790	235	655	846	2,026	856
August					913	217	583	872	2,085	881
September					723	207	602	850	1,882	795
October					768	168	680	367	1,988	888
November					936	220	747	454	2,357	996
December	•	•	٠	•	971	250	820	516	2,557	1,080
	YE	AB	•		11,564	2,744	8,790	5,308	28,406	12,000

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during January and the following three months, gradually falling thereafter throughout the year. The deaths from Scarlet Fever are largest in November, February, October, and March; and those from Hooping-Cough during the first five months of the year, being much reduced in number during the autumnal and early winter months. Diphtheria and Fevers do not present a great range of up and down October and November in the case of the former, and January in that of the latter standing highest. Diarrheal Affections are pre-eminent during August and September, least so in the early months of the year.

Phthisis or Consumption, always presenting a large death roll, is most marked in March and January, least so in July, August, September, and November. Croup presents its highest mortality during the months

at either end of the year.

Deaths from diseases of the Respiratory System generally tell most heavily during January and December, the months with lowest temperature and inclement weather, least so during August and September, when it is the reverse; the like being the case with those from diseases of the Circulatory System and Old Age.

Brain Diseases were most fatal during June, March, and January,

least so during October.

From Tables XVII. and XVIII. we may glean information regarding the monthly mortality at the various periods of life, viz., among Children, Adolescents, Adults, and the Aged.

Thus among Children, aged 0-5 years, the greatest number of deaths occurred during January, February, March, and April, being fewest in September.

Among Adolescents, aged 5-20 years, deaths are most frequent in May, December, and March, least so during October.

Adults, 20-60 years, suffer most during January, December, March,

and April, least during August and September.

The Aged, or those over 60 years of age, die in largest numbers during January, December, March, and February, in the smallest, during July and September; so that it is again seen that in the coldest months of January, March, and December, the highest death-rates occur.

The average daily mortality, among all the inhabitants of the Eight Towns, was heaviest during January, gradually diminishing in the other months as follows:—February, March, December, April, November, June,

May, August, July, October, September.

There is appended to this Report three Tables, giving a graphic delineation of the Birth, Death, and Marriage-rate curves from 1855, when registration of these came into operation, to the present year, and which show at a glance the various rises and falls which have occurred in the case of each.

# TWENTY-FIRST ANNUAL REPORT

ON THE

# VACCINATION OF CHILDREN

BORN IN SCOTLAND DURING 1884.

The Vaccination returns for the year 1884 show that of the 129123 children born in Scotland, 112122, or 86.334 per cent. were successfully vaccinated. In 1964 cases, or in 1.521 per cent., vaccination was postponed by medical certificate when the return was made up at the close

TABLE XIX.—Vaccinations in Scotland, 1874-1884, and Proportion to the Births each Year.

				Insuscep	lible of Vac	ination.		10 0 0 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	
Cears.		Success- fully Vacci- nated.	Vaccina- tion Post- poned.	From Constitu- tional Insuscep- tibility.	From having had Small-pox.	From previous Vaccination.	Died before Vaccina- tion.	Removed from District before Vaccination, or otherwise un- accounted for.	TOTAL BIRTHS.
1874 1875	Numbers . Numbers .	108,022 108,096	1,229 1,211	206 190	38 1	205 252	11,288 11,326	2,878 2,575	123,861 123,651
1876	Numbers .	111,815	1,084	177	5	848	10,760	2,567	126,706
1877	Numbers .	112,229	1,304	180	4	480	10,374	2,829	126,900
1878	Numbers .	111,694	1,196	190	8	406	10,905	2,460	126,854
1879	Numbers .	111,469	1,290	180	8	849	9,999	2,492	125,782
1880	Numbers .	109,381	1,404	155	0	859 `	11,016	2,359	124,674
1881	Numbers .	111,008	1,586	150	0	852	10,587	2,594	126,277
1882	Numbers .	110,268	1,718	192	4	280	11,073	2,637	126,162
1883	Numbers .	108,906	1,884	194	2	865	10,713	2,452	124,516
10 Years	Average .	110,288	1,885	181	6	840	10,804	2,534	125,538
1884	Numbers .	112,122	1,964	242	0	265	11,694	2,836	129,128
1874	Percentage	87.213	0.992	0.166	0.027	0.162	9.114	2.323	100:000
1875	Percentage	87.420	0.979	0.154	0.001	0.204	9.160	2.082	100.000
1876	Percentage	88-248	0.816	0.140	0.008	0.275	8.492	2.025	100-000
1877	Percentage	88-438	1.028	0.141	0.003	0.378	8.175	1.835 -	100.000
1878	Percentage	88-049	0.943	0.150	0.008	0.820	8.596	1.939	100-000
1879		88-621	1.026	0-148	0.003	0.277	7.949	1.981	100.000
1880		87.784	1.126	0.124	0.000	0.288	8.886	1.892	100.000
1881	Percentage	87 908	1.256	0.119	0.000	0.279	8.384	2.054	100-000
1882		87-899	1.858	0.152	0.003	0.222	8.776	2.090	100.000
1888	Percentage	87:468	1.518	0.156	0.003	0-293	8.603	1.970	100-000
10 Years	Percentage	87.852	1.108	0.144	0.002	0.271	8.608	2.019	100-000
1884	Percentage	86.884	1.521	0.187	0.000	0.205	9.057	2.195	100-000

of 1885; 242 children, or 0.187 per cent., were declared to be unfit for vaccination from constitutional insusceptibility; 265 children, or 0.205 per cent. were insusceptible from previous successful vaccination. None of the children were insusceptible from having previously had Small-pox. 11694, or 9.057 per cent. of the children born died before vaccination; and in 2836 cases, or 2.195 per cent., the children were removed from the district in which they were born before vaccination, or from some other cause they were unaccounted for. A noticeable feature is the steady increase of postponed cases. The average of postponed cases during the previous ten years was 1.103 per cent., while for the year 1884 the proportion was 1.521 per cent. (Table XIX.)

portion was 1.521 per cent. (Table XIX.)

In Table XX. the particulars relative to children who died before vaccination are omitted; and the proportion shown of children, living at the age of six months, who were protected by vaccination. It appears from this Table, that of 117429 children who were living at the age of six months, 112122, or 95.481 per cent. were certified to have been successfully vaccinated. In 1964 cases, or in 1.672 per cent., vaccination was postponed. In 242 cases, or 0.206 per cent., the children were stated to be constitutionally insusceptible of vaccination; 265, or 0.226 per cent., were insusceptible from previous successful vaccination; but none were insusceptible from having previously had Small-pox. In 2836 cases, or 2.415 per cent., the children were unaccounted for from having previously left the district in which they were born, or otherwise.

Table XX.—Vaccinations in Scotland, 1874-1884, deducting from the Births those who died before they could be Vaccinated, and giving the Proportion of the Vaccinated to the surviving Births of each year.

				Insusce	eptible of Vac	cination.	Removed	
Years.	Comovi -	Successfully Vaccinated.	Vaccination Postponed.	From Constitu- tional Insuscep- tibility.	From having had Small-pox.	From Previous Vaccination,	from District before Vacci- nation, or otherwise un- accounted for.	TOTAL LIVING.
1874	Numbers .	108,022	1,229	206	33	205	2,878	112,573
1875	Numbers .	108,096	1,211	190	1	252	2,575	112,325
1876	Numbers .	111,815	1.034	177	5	348	2,567	115,946
1877	Numbers .	112,229	1,304	180	4	480	2,329	116,526
1878	Numbers .	111,694	1,196	190	3	406	2,460	115,949
1879	Numbers .	111,469	1,290	180	3	349	2,492	115,783
1880	Numbers .	109,381	1,404	155	0	359	2,359	113,658
1881	Numbers .	111,008	1,586	150	0	352	2,594	115,690
1882	Numbers .	110,263	1,713	192	4	280	2,637	115,089
1883	Numbers .	108,906	1,884	194	2	365	2,452	113,803
10 Years.	Average .	110,288	1,385	181	6	340	2,534	114,734
1884	Numbers .	112,122	1,964	242	0	265	2,836	117,429
1874	Percentage	95.958	1.092	0.183	0.029	0.182	2.556	100.000
1875	Percentage	96.235	1.078	0.169	0.001	0.224	2.293	100-000
1876	Percentage	96.437	0.892	0.153	0.004	0.300	2.214	100.000
1877	Percentage	96.312	1.119	0.154	0.003	0.411	1.999	100.000
1878	Percentage	96.330	1.031	0.164	0.003	0.350	2.122	100:000
1879	Percentage	96.274	1.114	0.156	0.003	0.301	2.152	100.000
1880	Percentage	96.237	1.235	0.136	0.000	0.316	2.076	100.000
1881	Percentage	95.953	1.371	0.130	0.000	0.304	2.242	100.000
1882	Percentage	95.807	1.488	0.167	0.004	0.243	2.291	100:000
1883	Percentage	95.697	1.655	0.170	0.002	0.321	2.155	100.000
10 Years.	Percentage	96.124	1-208	0.158	0.002	0.296	2.209	100.000
1884	Percentage	95.481	1.672	0.206	0.000	0.226	2:415	400.000

TABLE XXI. - Deaths from Small-pox in Scotland, 1855-1885.

YEARS.	Small-pox Deaths.	YEARS.	Small-pox Deaths.
1855	1,309	1871	1,449
1856	1,306	1872	2,446
1857	845	1873	1,126
1858	332	1874	1,246
1859	682	1875	76
1860	1,495	1876	39
1861	766	1877	88
1862	426	1878	1 4
1863	1.646	1879	8
1864	1.741	1880	10
1865	383	1881	19
1866	200	1882	3
1867	100	1883	11
1868	15	1884	24*
1869	64	1885	16*
1870	114		

<sup>\*</sup>For 1884 and 1885 the Small-pox Deaths are estimated from the ascertained Small-pox Deaths in Eight of the Principal Towns, as compared with the Total Small-pox Deaths in all Scotland during the Twenty Years 1855–1874.

Table XXII.—Small-pox Deaths in Eight of the Principal Towns of Scotland at different Ages in 1885, also during the Ten Years 1865-1874, compared with those of the Ten Years 1865-1864, in the same Towns before the Vaccination Act came into operation.

	Small-pox	DEATHS, 1885.		DEATHS, 5-1874.		DEATHS, -1864.
AGES.	Number.	Percentage at each age.	Number.	Percentage at each age.	Number.	Percentage at each age.
0-5	1	12.20	1039	28:41	4062	75.08
5-20 20-60	1	12·50 75·00	1059 1519	28·96 41·54	660 687	12.19
60 and above	-	9.00	40	1.09	6	0.11
Total	8	100.00	3657	100-00	5415	100.00

In Table XXI. is given the usual account of the deaths from Smallpox in Scotland, during each year, from 1855 to 1885. From Table XXII. it will be seen that in Eight of the Principal Towns of Scotland during 1885, only 8 of the deaths were caused by Small-pox, of which 6 occurred in Glasgow, 1 in Greenock, and 1 in Paisley. With reference to the death from Small-pox in Greenock, it is explained by the Sanitary Inspector, "that deceased arrived in Greenock by the Allan Liner Buenos Ayrean,' on 24th November, suffering from Small-pox, which he had contracted in Montreal. The 'Buenos Ayrean' left that port on 12th November, and the deceased sickened on the 21st."

I have the honour to be,

SIR.

Your most obedient Servant,

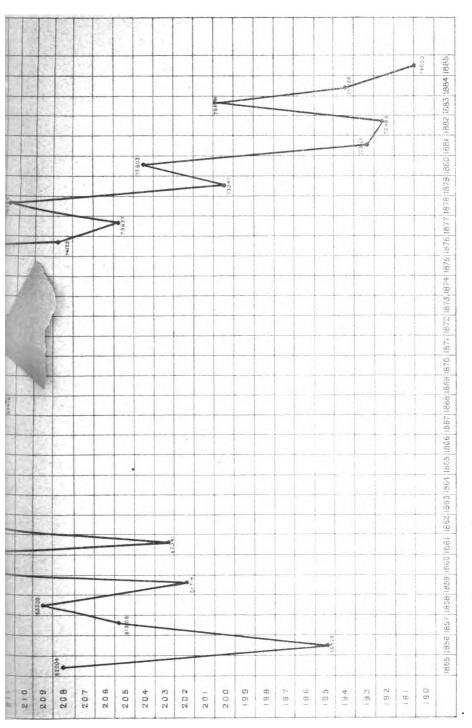
R. J. BLAIR CUNYNGHAME, M.D.

STATISTICAL DEPARTMENT, 5th March 1886.

GRAPHIC DELINEATION OF THE BIRTH RATE PER 10,000 OF THE POPULATION IN SCOTLAND, FROM 1855 TO 1885 8 rths per 0,000 0 ct 1856 1857 1858 1858 1860 1861 1862 1863 1864 1865 1866 1867 1868 1869 1870 1871 1872 1873 1874 1875 1875 1877 1878 1879 1880 1881 1882 1883 1884 1885 002611) \* A044 103415 104018 7 2 2 

+00			
333	nnn	65 (92)	33
332	232		200
188	180		100
330	330		
329	329		1
328	328		
-327	.327		
326	326		
325	325	20 A 4-8 B	
324	324		
323	323		
322	322	01:1921	
321	321		
320	320		
319	6-10		
3   8	8-12		
212	212		
316	316		
3.15	3.5		
3 - 5	3.14. 33343		
313	313		
	1855 1856 1857 1858 1860 1861 1862 1864 1865 1864 1865 1866 1867 1868 1870 1871 1872 1874 1875 1876 1877 1878 1879 1880 1881 1882 1884 1885	874   875   1876   1877   1878   1879   1880   1881   1882   1883   1884   1885	

The figures on the face of the Chart are the exact numbers of Births cocurring during the year.



The figures on the face of the Chart are the exact numbers of Deaths occurring during the year.

The figures on the face of the Chart are the exact numbers of Marriages cocurring during the year.

## I.-BIRTHS

### REGISTERED IN SCOTLAND DURING EACH MONTH OF THE YEAR 1885.

	Revised Popula- tion at	-								BIE	THS						
	date of	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total Births.	Males.	Fem.	Total Illegit Births
SCOTLAND,	3,735,573	10812	9529	10537	10918	10654	10832	10850	10345	10079	10978	9917	10758	126110	64604	61506	10668
GROUPS OF DISTRICTS.																	
1 PRINCIPAL TOWN DIS	TS. 1,412,530	4529	3993	4501	4577	4329	4556	4408	4089	4128	4442	4098	4450	52100	26657	25443	4200
2 LARGE TOWN, ,,	388,797	1205	1069	1197	1256	1220	1256	1211	1184	1106	1242	1138	1181	14265	7389	6876	1020
3 SMALL TOWN, ,,	791,250	2274	2032	2155	2330	2337	2292	2353	2290	2240	2287	2162	2440	27192	13828	13364	2216
4 MAINLAND-RURAL,,	1.012.788	2535	2215	2460	2508	2567	2475	2566	2505	2349	2584	2201	2392	29357	15061	14296	3038
5 INSULAR-RURAL, ,,	130,388	269	220	224	247	201	253	312	277	256	323	319	295	3196	1669	1527	194
DIVISIONS.																	
1 NORTHERN	123,98	1 290	204	225	258	213	243	283	243	255	249	293	274	3030	1574	1456	249
2 NORTH-WESTERN,	165,856	364	327	342	286	322	364	399	339	353	387	378	371	4232	2167	2065	270
3 NORTH-EASTERN,	418,250	118	1049	1061	116:	1152	1126	1131	1204	1115	1200	1146	1178	13708	7057	6651	191:
EAST-MIDLAND,.	602,42	1 1594	1352	1466	1586	1626	1602	1603	1581	1517	1683	1439	1542	18598	9427	9160	1692
WEST-MIDLAND,	283,46	750	688	788	767	78	780	810	802	733	764	685	785	9132	4734	4398	57:
SOUTH-WESTERN,	1,385,44	7 4578	4116	4678	4799	4519	1557		1	4098	4521	4129	4527	53260	27324	25936	3631
7 SOUTH-EASTERN,	546,65	8 1566	1365	1520	153			1	1	1	1558	1		18218	9289	8929	145
8 SOUTHERN, .	209,49	48	430	467	524	507	527	579	519	507	521			5937	3032	2905	840
I. NORTHERN.																	
1 Shetland,	29,70	5 6	39	47	7 38	3 47	5	71	65					727	383		
2 Orkney,	32,04					Y								718 1116	382 564		
Caithness,	22,37													469			2
II. NORTH-WESTERN Ross and Cromarty,	. 79,46													2097	1072		
Inverness,	. 86,38	9 18	178	176	15:	2 166	186	188	167	156	198	192	198	2135	1095	1040	177
III. NORTH-EASTER!	8.84	7 1	) 11	14	1 1:	5 18	3 25	2 24	25	15	23	15	26	994	114	110	23
8 Elgin (or Moray), .	45,10	8 14	1 10:	116	111			97	114	116	131	117	130	1397	687	710	210
9 Banff, 0 Aberdeen	. 59,78 269,04													1998 9006			
9 Aberdeen, 1 Kincardine,	35,46													1083		516	
IV. EAST-MIDLAND		1															
2 Forfar,	. 268,65	3 763	624	728	8 745	743	789			731	777	664	739	8715	4455	4260	90:
Perth,	. 130,28 172,13													3275 5655	1624 2878		
4 Fife,	7,33													159	84		
6 Clackmannan, .	. 24,02	5 6	69	45	62	6:	6:	81	75	60	74	59	70	789	391	398	59
V. WEST-MIDLAND		1															
7 Stirling, 8 Dumbarton, 9 Argyll, 0 Bute.	. 106,88 78,18 80,76 17,63	2 228 1 169	202	3 243 3 178	5 24- 8 177	243 157	257 188	261	244 199	231 164	251 176	239 132	227 193		1090	1399 971	147 138
VL SOUTH-WESTER		1			1	1	1			1		-				-20	
1 Renfrew	. 225,61				738		720	659	648	607	697	616	660	8055	4094	3959	488
2 Ayr, Lanark,	217,63 942,20					66-	641	636	594	642	679	586	669	7639			
VII. SOUTH-EASTER!	V. 44.00	100	1 11	1		100		100		100	000	100	100	0011	1005	700	10
Linlithgow, Edinburgh,	388,83						149					1009	193 1205	2011 12994			
Haddington, .	. 38,51	0 97	88	98	115	91	100	97	11:	110	88	92	96	1179	611	568	97
Berwick,	35,27											71 26		844 396			
Selkirk,	26,34													794			
VIII. SOUTHERN.							1										
Roxburgh,	52,59									131				1587			
Dumfries,	. 76,16 42,29													2125 1132			
Wigtown,	38,44																

### II.-DEATHS

#### REGISTERED IN SCOTLAND DURING EACH MONTH OF THE YEAR 1885.

		Revised Popula- tion at								DEA	THS.						
		date of Census 1881.	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total Deaths	Males.	Fen
	SCOTLAND.	3,735,573	8169	6762	7005	6501	6212	6080	5540	5467	4974	5239	6038	6616	74603	36947	376
	GROUPS OF DISTRICTS.															m	
	PRINCIPAL TOWN DISTRICTS,	1,412,350	3688	2828	3108	2863	2643	9667	9991	9459	2178	2222	2799	3014	32839	16277	16
	LARGE TOWN .	388,797			731		675	622							8105	3960	F139
	CMALL MOMENT	791,250				1									15443	14,3,000	15/8
	MAINT AND BUDAY	1,012,788				1470	11 150	1000			1098		3,7331	15000	16144	8083	10
	INSULAR-RURAL ,,	130,388		195	201			1	1215 151	1	139		161	1420	2072	993	10.00
	DIVISIONS.																
																1580	M
	NORTHERN	123,984		100	211		180	151	157	166	148	146	162		2094	1006	110
	NORTH-WESTERN,	165,856		231	276		223	210	179	193	158	196	196	194	2553	1287	3
	NORTH-EASTERN,	418,250			668		619	548	544	469	477	475	584	622	7058	3423	1400
	EAST-MIDLAND,	602,421	1336	1050	1012	916	831	864	843	745	762	774	847	924	10904	5171	1
	WEST-MIDLAND,	283,460	556	525	474	443	490	465	416	412	416	366	449	486	5498	2776	2
	SOUTH-WESTERN,	1,585,447	3488	2912	3015	2863	2720	2663	2352	2452	2087	2262	2677	2886	32377	16372	16
	SOUTH EASTERN,	546,658	1121	858	990	856	831	862	756	779	677	766	836	1015	10347	5138	1
	SOUTHERN,	209,497	435	351	359	352	318	317	293	251	249	254	287	306	3772	1774	1
	I. NORTHERN.																
	Shetland,	29.705	56	43	39	39	39	30	35	41	38	38	45	51	494	219	
	Orkney,	32,044		48	54		34	46	38	41	47	41	45	41	527	219	
	Caithness,	39,859		65	78		77	52	60		42	38	54	61	720	369	
	Sutherland,	22,376	33	34	40	33	30	23	24	34	21	29	22	30	353	190	1
	II. NORTH-WESTERN.	20.00		1												100	11
	Ross and Cromarty,	79,467 86,389			$\frac{150}{126}$		109 114			84 109	73 85	85 111	85 111	88 106	1194 1359	597 690	
l	III, NORTH-EASTERN.			17.0												- 11	
	Nairn,	8,847	8		15		7	10	15	6	6	9	20	18	138	73	3
	Elgin (or Moray),	45,108 59,788			90		64 106	54	62			62	70	66	789	385	
	Banff	269,047			418		394	91 349	79 347	63 326		308	97 362	393	1068 4549	513 2194	
	Kincardine,	35,465	65		48		48	44	41	34	37	33	35	44	514	258	
l	IV. EAST-MIDLAND.															1.00	
l	Forfar,	268,653	666				365	406				363		424	5165	2431	
l	Perth,	130,282 172,131					171 248	176 236				141 230	155 238	196 245	2122 3037	981 1466	
	Kinross,	7,330	11	17	7	6	10			5	8	9	8	10	114	56	
l	Clackmannan,	24,025	59	49	40	30	37	31	36	37	29	31	38	49	466	237	7
	V. WEST-MIDLAND.										Ψ.						
	Stirling,	106,883			165			189				131	180		2191	1110	
١	Dumbarton,	78,182 80,761			156 126	100		135 107		129		125 91			1625 1308	831 658	
	Bute,	17,634			27	19		34	36			19		44	374	177	
	VL SOUTH-WESTERN.													- 0		190	
	Renfrew,	225,611	502	450	468	418	450	475	375	396	332	365	424	504	5159		
ŀ	Ayr,	217,630 942,206	2501	2061	351	384	357	349	326	303	273	265	302	372	4168	2085 11749	
	VII. SOUTH-EASTERN,	012,200	2001	2001	*140	2001	1313	1009	1001	1703	1402	1632	1991	2010	20000	11749	1
	Linlithgow,	44,005	94	74	79	70	90	76	83	67	56	62	67	94	912	475	1
ŀ	Edinburgh,	388,83€	805	603	711	632	596	620	534	579	515	574	630	761	7560	3742	2
١	Haddington,	38,510 35,278	74									45 44	62 29	50 50	605 602	310 306	
1	Peebles,	13,688	17	14	25	18	26	17	20	15		14	15	28	221	98	
١	Selkirk,	26,346	57	49	44	32	35	40	32			27	33		447	207	
	VIII. SOUTHERN.															1,663	
	Roxburgh,	52,599					81	72			64	65		61	895	432	
	Dumfries,	76,167 42,290												115 59	1394 784	676 371	
	Wigtown, .	38,448					52								699	295	

III.—MARRIAGES
REGISTERED IN SCOTLAND DURING EACH MONTH OF THE YEAR 1885.

			ATION.						MAF	RRIA	GES					
		Census 1871	Census 1881	Jan	Feb	Mar	Apr	Мау	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Tota
SCOTLAND,	10	3,360,018	3,735,573	3406	1466	1536	1761	1017	3585	2508	1607	1564	1642	2388	2776	25,2
GROUP OF DISTRI																
PRINCIPAL TOWN D	ISTRICTS.	1,194,480	1,412,350	1517	684	747	959	488	1514	1990	787	771	787	1032	1049	11.6
LARGE TOWN		327,734	388,797	452	148	189	180	130	421	315	191	183	186	1000	280	2.9
SMALL TOWN	**	697,460	791,250	717	283	284	323	161	730	460	319		359		577	5,0
MAINLAND-RURAL	**	1.008 340	1,012,788	620		268	271	210	890	427	297	273			793	5.1
INSULAR-RURAL	"	132,004	130,388	100	69	48	28	28	30	16	13		25		84	5
DIVISIO	NS.															
NORTHERN, .		127,191	123,984	91	63	38	16	40	40	35	21	43	35	86	97	6
NORTH-WESTERN,		166,351	165,856	123	83	53	52	30	77	40	27	33	48	67	138	7
NORTH-EASTERN,		393,199	418,250	240	129	119	106	126	404	218	156	191	192	236	410	2,5
EAST-MIDLAND,		559,676	602,421	563	191	216	253	144	515	414	214	191	237	353	449	3,7
WEST-MIDLAND,		251,088	283,460	223	84	86	92	47	264	163	95	102	87	145	186	1,8
SOUTH-WESTERN,		1,183,218	1,385,447	1559	590	707	850	414	1468	1152	712	655	€89	996	937	10,
SOUTH-EASTERN,	1 1	475,523	546,658	466	254	258	310	158	631	387	316	289	275	388	401	4,1
SOUTHERN, .		203,772	209,497	141	72	59	82	58	186	99	66	60	79	117	158	1,
I. NORTHE	ERN.															
Shetland,		31,608	29,705	40	4.17	10		6		4	3	11	11	33	37	
Orkney, Caithness,		31,274 41,011	32,044 39,859	19 21	18 13	11			11 16	11	11	25	10	30 18	15 30	
Sutherland, .	. :	23,298	22,376	11		7	1		7	4	1	1	12	5	15	
II. NORTH-WE	STERN.															
Ross and Cromarty, Inverness,	: :	82,093 84,258	79,467 86,389	56 67	36 47	24 29		11 19	32 45	18 22	13 14	15 18	22 26	39 28	79 59	3
III. NORTH-E.	ASTERN.			1												
Nairn,		8,372 44,549	8,847 45,108	5 24		14			11	1 27	1	17	1	4	9	١.
Elgin (or Moray), Banff,	: :	58,883	59,783	27	21	18				34	22 18		19			1 5
Aberdeen, .		246,298	269,047	165 19			78			145					264	1,
Kincardine, .		35,097	35,465	15	0	0		1.5	28	11	8	13	22	25	35	
IV. EAST-MI	DLAND.	240,049	268,653	276	90	95	146	79	223	240	92	95	100	100	****	١
Perth.	: :	128,550	130,282	69	38	50	28	19		41	42			130 72	118	1,7
Fife, Kinross,		160,924 7,918	172,131 7,330	188		64				121			10.00		125	1,
Clackmannan, .	: :	22,235	24,025	28		4				12		-	6		10	1
V. WEST-MID	LAND.		10000	1,00												
Stirling, Dumbarton,		93,345 61,116	106,883 78,182	103		50 14				72 64			31	67	93 50	3
Argyll	: :	79,661	80,761	38	16	13	9	10	. 50	21	19	14	23	29	33	
Bute,		16,966	17,634	10	6	9	8	5	15	6	4	7	9	8	10	1
VL SOUTH-W.	ESTERN.	195,305	225.611	232	119	100	120	59	173	177	162	92	92	143	122	
Ayr,	: :	200,908	217,630	204	62	97	105	40	214	102	112	94	95	152		1,
Lanark,		787,005	942,206	1123	409	510	625	315	1081	873	438	469	502	701	659	7,
VII. SOUTH-E	ASTERN.	41.050	11.00-	1	0.0		10	10		0.5				1		
Linlithgow, Edinburgh,		41,379 328,138	44,005 388,836													
Haddington.		37,755	38,510	27	12	18	23	11	34	17	14	13	15	21	18	1
Berwick, Peebles		36,382 12,218	35,273 13,688	1 6				2	14							
Selkirk,	: :	19,651	26,346		10	11										
VIII. SOUT	HERN.			1										1		
Roxburgh, .		48,241 74,842	52,592 76,167	39												
Dumfries,	: :	42,087	42,290	27	15	5	16	3 9	38	20	17	12	19	28	29	
Wigtown, .		38,602	38,448	27	15	16	3 20	1	25	1/						

		1	GES						AGES	3.	
CAUSES OF DEATH.	0-5	2-20	20-60	60, etc.	Total.	CAUSES OF DEATH.	0-5	5-20	20-60	60, etc.	Total.
ALL CAUSES	11335	2692	8626	5203	27856	Enteric Fever . Other Miasmatic Diseases .	32	110	112	9	263
I. SPECIFIC FEBRILE OR ZYMOTIC DIS. II. PARASITIC DIS. III. DIETETIC	2642 12 35	-	474 1 72	2 11	15	DIARRHŒAL DISEASES.	13 522	2 22	6 71	1 84	22 699
IV. CONSTIT. ", V. DEVELOP. ", VI. LOCAL ", VII. VIOLENCE ". VIII. ILL-DEFINED AND	937 894 5677 180	1 1066	$\frac{1}{4621}$	1039	$\frac{1935}{14785}$	Remittent Fever	3 1	- 1	ī	-1	3 3
NOT SPEC. CAUSES	958	54	217	73	1302	Zoogenous Diseases. Hydrophobia	-	-	-	L	1983
I. 1. Miasmatic Diseases 2. Diarrheal ,, . 3. Malarial ,, . 4. Zoogenous ,, .	1935 535 4 3	401 24 1	191 77 1	19 8;	2546 721 6	Cow-pox and other effects	3	-	-	A, H.S -	3
4. ZOOGENOUS ,,	123 42	17	28 177	28	153		123	-	22 6	2	145
Parasitic Diseases .	12	-	1	2	15	Phagedæna	-	-	.5	67	101
III. DIETETIC DISEASES .	35	÷	72	11	118	Erysipelas Pyæmia, Septicæmia Puerperal Fever	42	10 3 4	55 15 107	24	131 22 111
IV. Constitutional Dis	937	1003	2822	400	5162	Parasitic Diseases. Thrush	12	-	_	1	13
V. DEVELOPMENTAL DIS	894	_ 1	1	1039	1935	Other Dis. from Veget. Para. Hydatid Disease Other Dis. from Animal Para.	-	-	1	1	2
VI. 1. DIS. OF NERVOUS SYSTEM 2. ,, ORGANS OF					3430	DIETETIC DISEASES. Starv., Want of Breast Milk	35	-	1	1	37
SPECIAL SENSE 3. ,, CIRCUL. SYSTEM 4. ,, RESPIR. SYSTEM 5. ,, DIGESTIVE SYSTEM		291	1663	1211	29 1911 6323 1986	Intemp. { Chronic Alcholism Delirium Tremens	-	-	57 14	9	66 15
6. ", Lymphatic Syst. & Ductless Glands 7. ", Urinary System 8. ", Reproduct, Syst.	5 41	2 65	14 285		21 544	Rheumatism	1	21 5 -	44 27 1	9 18 3	76 51 4
(a) Dis. of Organs of Gen. (b) Dis. of Parturition 9. ORGANS OF LOCOM 10. INTEGUMEN, SYST.	22	4 8 92 7		20 - 8 27	172 166		14 273 353	2 7 96 107	24 9	279	18 713 394 469
VII.  1. Accident or Negligence 2. Homicide	176	122		108	777	Phthisis Other forms of Tuber., Scrof. Purpura, Hamor. Diathesis Anamia, Chlorosis, Leucocyth. Diabetes Mellitus	162 117 5	664 89 5 4	2199 49 5 28 11	79 2 1 5 2	3104 257 16 48 16
4. Execution	_	_	-	-		Other Constitutional Dis	_	-	1	-	1
VIII. ILL-DEFINED AND NOT SPECIFIED CAUSES .	958	54	217	73	1302		782 40 18		1 1		782 40 18
	- 1	1	1 1 4		2 1 5	Spina Bifida	25 4 1 24	- - 1	1111	- 50	25 4 1 25
Chicken-pox	10 534	1 26	1	-	11 561	Old Age	-	-	1	1039	1040
Scarlet Fever Typhus	256	137	17 42 1	5	1	System. Inflam. of Brain or its Mem. Apoplexy	32	182 14	60 250	9 377 52	778 673
Influenza	908	56	9	1	964 2	Softening of Brain Hemiplegia, Brain Paralysis Paralysis Agitans Insanity, Gen. Par. of Insane	2	7 -	176 2 27	878	73 563 2 32
Diphtheria	187	1 3	-	-	1	Chorea Epilepsy	1 8	4 13	42	1	6 69

		A	GES		CPLP4,	2 135 4 3		1	AGES		
CAUSES OF DEATH.	0-5	5-20	20-60	60, etc.	Total.	CAUSES OF DEATH.	0-5	5-20	20-60	60, etc.	Total.
Convulsions Laryngismus Stridulas Laryngismus Stridulas Idiopathic Tetanus Paraplegia, Dis. of Spin. Cord Other Dis. of Nerv. System	515 26 3 11 322	21 2 2 26 60	12 - 8 33 108	15 70	548 28 13 85 560	Calculus Hæmaturia Dis. of Bladder & of Prostate Other Dis. of Urinary System	1 1 7	1 1 3 12	1 1 25 77	6 1 63 33	8 4 92 129
DISEASES OF ORGANS OF SPECIAL SENSE. Otitis, Otorrhoea Epistaxis and Dis. of Nose Ophthalmia and Dis. of Eye	12	10	1	1 3 -	. 24 4 1	DISEASES OF ORGANS OF GENERATION. Ovarian Disease Dis. of Uterus and Vagina Disorders of Menstruation Pelvic Abscess Perineal Abscess	1	2 2 -	20 38 3 5	8 10 - -	28 51 5 5
DISEASES OF CIRCULATORY SYSTEM.						Dis. of Testes, Penis, Scrotum, &c	2	_	2	2	6
Endocarditis, Valvular Dis. Pericarditis Hypertrophy of Heart Angina Pectoris Syncope Abenrism Senile Gangrene Embolism, Thrombosis Phlebitis	12 3 2 4 - -	104 11 1 - 4 - 2 - 2	759 21 44 19 41 49 1 17	581 3 33 11 35 6 25 9 2	1456 38 78 32 84 55 26 28	DISEASES OF PARTURITION. Abortion, Miscarriage . Puerperal Mania . Puerperal Convulsions . Placenta Prævia, Flooding . Phlegmasia Dolens . Other Accidents of Childbirth	111111	1 2 - 5	4 5 10 36 4 105		4 6 12 36 4 110
Varicose Veins Other Dis. of Circul. System DISEASES OF RESPIRATORY	5	2	53	2 45	105	DISEASES OF ORGANS OF LOCOMOTION. Caries, Necrosis Arthritis, Ostitis, Periostitis	8 3	44 6	24 5	1 5	77 19
SYSTEM. Laryngitis Croup Other Dis. of Larynx and	39 211	6 20	11	5	61 231	Other Dis. of Organs of Locom.  DISEASES OF INTEGUMENTARY SYSTEM.	11	42	15	2	70
Trachea Emphysema, Asthma Bronchitis Pusumonia Pleurisy Other Dis. of Respir. System	6	2 84 152 15 10	7 24 732 758 75 56	18 836 314 21 12	20 48 3441 2300 117 105	Carbuncle Phlegmon, Cellulitis Lupus Ulcer, Bed-sore Eczema Pemphigus	9 - 3 14 4	5 1	9 1 20 -	3 5 17 2	5 28 2 40 16 4
DISEASES OF DIGESTIVE SYSTEM. Stomatitis Dentition Sore-throat, Quinsy Dyspepsia Hæmatemesis Melæna Diseases of Stomach Enteritis Ulceration of Intestine	7 336 13 15 -3 79 241 5	1 4 2 2 2 14 23 4	4 -7 7 7 10 2 94 47 19	1 2 15 4 - 44 15 4	12 337 26 39 16 5 231 326 32	Other Dis. of Integu. System  Accident or Negligence. Fractures, Contusions Gunshot Wounds Cut, Stab Burn, Scald Poison Drowning Suffocation Otherwise	9 28 47 10 75 16	52 2 - 18 3 17 1 29	210 -2 19 22 73 16 29	68 1 8 5 8 2 16	358 2 3 92 30 108 94 90
lleus, Obstruct. of Intestine Strict. or Strang. of Intestine Intussusception of Intestine Hernia	15 3 12	12 1 3	45 6 2 42	28 3 2	100 13 19	Homicide. Murder, Manslaughter .	4	-	, -	-	4
Peritonitis Ascites Gallstones Cirrhosis of Liver Other Diseases of Liver Other Dis, of Digest. System	7 2 99 4 - 43 39		4 113 10 2 34 118	34 1 39 9 1 17 99	83 7 305 23 3 51 265	SUICIDE. Gunshot Wounds Cut, Stab Poison Drowning Hauging Otherwise	111111	1 - 2	9 14 2 5 13 4	6 1 2 3 3	9 21 3 7 16 9
DISEASES OF LYMPHATIC SYSTEM AND DUCTLESS	99	- 0	34	15	93	EXECUTION. Hanging	-	-	-	-	-
GLANDS. Dis. of Lymphatic System Diseases of Spleen Bronchocele Addison's Disease	5	1 1 -	5 5 2 2	1 1 1	11 6 2 2	ILL-DEFINED AND NOT SPECIFIED CAUSES. Dropsy Debility, Atrophy, Inanition Mortification	12 850 2	11 20	42 65 5	29	94 935 14
USEASES OF URINARY SYSTEM Acute Nephritis Bright's Disease Uramia Suppression of Urine	23 7 1	22 24 1 1	45 126 9	15 27 3 5	105 184 14 8	Tumour Abscess Hæmorrhage Sudden (cause unascertained) Other Ill-def. and not spec.	21 5	1 12 2 3	16 9 10 31	9 3 3 14	26 45 20 66 102

						Yea	ar :	188	35.	•										
		GL	ASG	юw		1	EDI	NBU	RG:	H.		D	UNI	EE.	,		AB	ERD	KEI	ı.
CAUSES OF DEATH.	9-0	5-20	20-60	60, etc.	Total.	9-0	5-20	20-60	60, etc.	Total.	0-0	5-20	20-60	60, etc.	Total.	j	2-30	09-02	60, etc.	Total.
ALL CAUSES	6134	1344	4128	1880	13486	1425	411	1559	1158	4553	1218	290	1000	570	8078	645	186	596	613	2030
I. SPECIFIC FEBRILE OR ZYMOTIC DIS.	1564	266	198	52	2080	298	67	97	21	478	236	27	49	14	326	98	21	37	21	177
II. PARASITIC DIS	2	-	-	1	3	5	-	1	1	7	1	_	-	_	1	4	-	-	-	4
III. DIETETIC "	12	-	27	7	46	16	_	20	4	40	5	_	9	ل	14	1	_	1	-	2
IV. CONSTIT. ".	540	497	1283	137	2457	141	148	857	104	950	65	118	850	32	565	57	74	202	56	29)
V. DEVELOP. " .	401	-	-	354	755	166	-	_	214	880	106	_	_	148	249	75	1	_	129	206
VI. LOCAL ,, .	3058	494	2266	1244	7062	678	175	791	775	2414	610	128	524	366	1628	842	75	320	382	1119
VII. VIOLENCE	77	56	215	45	393	29	20	69	26	144	47	14	45	18	119	9	10	18	18	=
VIII. ILL-DEFINED AND NOT SPEC. CAUSES	480	31	139	40	690	102	1	24	18	140	148	8	23	2	176	59	5	8	7	79
I.				_								_							<del>  </del>	
1. MIASMATIC DISEASES . 2. DIARRHŒAL " . 3. MALARIAL " . 4. ZOOGENOUS " . 5. VENEREAL " . 6. SEPTIO " .	1215 260 2 1 66 20	17	10	1	1532 358 2 1 77 110	195 74 1 1 16 6	3- 1 -	9 - 8	8 - 1	312 94 2 1 25 44	149 64 - - 18 5	22 2 - - - 8	11 9 - 1 28	3 8 - - 3	185 88 - - 19 39	54 88 - 4 2	20 - - 1	12 6 1 - 4 14	1 10 10	54 1 - 9
II. PARASITIC DISEASES .	2	_	-	1	8	a	-	1	1	7	1		_		1	4			-	,
III. DIETETIC DISEASES	12	-	27	.7	46	16	-	20	4	40	5		9	_	14	1	,	1	-	;
IV. Constitutional Dis	540	497	1283	137	2457	141	148	557	104	950	65	118	350	82	565	57	74	202	86	389
V. DEVELOPMENTAL DIS	401	-	_	354	755	166	-		214	380	106	_		148	249	75	1	_	129	265
VI.  1. DISEASES OF NERVOUS SYSTEM 2. , ORGANS OF SPECIAL SENSE	7 15 1768 456	6 58 147 48	446 925 294	1 238 509 128	926	178 8 2 347 118	3 18 44	207 236 111	187 258		155 3 8 863 72	1 19 87	82 130 199 57		874 4 239 786 172	91 - 180 66	13 12	75	107	238 2 195 374 166
GLANDS  URINARY SYSTEM  REPRODUCTIVE SYSTEM:— (a) DIS. OF ORGANS OF	32		128		11 287	3	12	57 57	49	121	2	8	27	8	45	1	4	22	22	2
GENERATION . (b) DISEASES OF PARTURITION . 9. , ORGANS OF LOCOMO-	- 10	5	76	-	89 81	-	-	18 22	-	21 22	1	-	5 17	2	8 17	- -	1	16	5	8 17
10. ,, INTEGUMENTARY SYSTEM	10	3			79 88	7 14	22			39 25	3 6	9	1 6	2 5	15 18	1 8	3 1	5 7	1	19

## in Eight of the Principal Towns of Scotland. Year 1885.

		RE	EN (	)CK		1	L	EIT	<u> </u>		Γ	PA	ISL:	EY.			PI	BT	H.		Total.
CAUSES OF DEATH.	9-6	6-20	09-0 <u>4</u>	80, etc.	Total.	j	5-20	<b>30</b> -60	80, etc.j	Total.	9-0.	5-20	09−0 <b>≴</b>	'80, etc.	Total.	9-0	9-30	20-60	60, etc.	Total.	Grand To
ALL CAUSES	708	164	438	241	1546	466	118	825	245	1149	58\$	147	424	820	1474	161	87	166	176	54¢	278#6
1 SPECIFIC FEBRILE OR ZYMOTIC DIS.	140	15	28	4	187	192	17	28	5	167	141	26	32	11	210	48	4	10	ę	pd	3698
II. PARASITIC DIS.  III. DIETETIC		_	6	-	6	_		3	-	*		_	5			1	_	1		1	118
IV. CONSTIT	53	61	126	19	259	48	47	115	21	226	27	48	132	18	220	11	15	57	13	34	5162
V. DEVELOP. ,,	45	_	,	46	92	42	_	_	87	79	36			78	109	23	-	-	43	66	
VI LOCAL ,,	383	78	280	161	852	282	41	166	175	613	320	61	237	207	825	59	14	88	111	27:	11785
TI. VIOLENCE .,	ø	6	85	8	58	4	8	15	#	3,1	8	8	14	7	82	2	8	7	2	14	818
III. ILL DEFINED AND NOT SPEC. CAUSES	78	4	12	3	92	23	-	4	8	80	56	9	4	4	7,8	17	1	8	ī	22	1802
I. MIASMATIC DISHABES DIARRHUAL MALERIAL ZOGENOUS VESERAL SEPTIC ,	92 86 - 1 10	1	17 6	1 8 -		92 23 - - 5	-	11 2 - 2 8	2 2 - - 1		108 28 1. - 3	25 1	13 4 - 1 14	1 9		35 12 1	*******	9 - I 6	1 5	48.14	2546 721 6 3 153 264
II. Parasitic Dishases .			_	-		_		-	-		_	-		_				-			15
III. Dirtetic Diseașes .     .	-	_	6	-	6	ŧ		3	_	. 3	-	-	5	_		1	_	1	-		118
IV.	53	61	126	19	259	43	47	115	21	226	27	48	132	18	290	11	15	57	18	96	§:62
V.	45	_	1	46	92	42		_	87	79	36		-	73	109	28		_	48	66	1955
IV. DISTANCE OF NERVOUS SISTEM ORGANS OF SPECIAL SENSE CIRCUL SYSTEM RESPIR SYSTEM DISMOTIVE SYSTEM	114 2 205 61	82 - 8 17 7	43 50 85 23		243 88 364 105	51 2 124 50	8 4 12	\$1 40 47 19	60 38. 50	150 - 84 233 95	84 - 2 142 90	24 - 4 18 2	50 1 36 77 38		225 1 80 809 149		6 1 - 4	16 26 19	84 1 28 28 14		3430 29 1911 6323 1986
LYMPHATIC SYSTEM AND DUCTLESS GLANDS URINARY SYSTEM . REPRODUCTIVE SYSTEM :	1	5	15	3	24	2	5	16	7	80	1	5	1 12	_	2 <b>2</b> 6	-	-	7	5		21
(4) Dis. of Organs of Generation	-	-	5	2	1	-	-	1	1	2	_	2	5	1	8	_	-	1	1	2	9
(b) Diseases of Par- Turition	-	1	8	-	9	-	-	8	-	ь	-	1	12	-	13	-	-	5		ā	172
TION  IBTEGUMENTARY  STSTEM	-	8	1	3	4	1 2	<b>3</b> -	1 2	2	5	1	5	? 2	1	8 4	-	1	1	-! -:	<b>Sej</b> . 1	166 108

# 34 DEATHS from all Causes at Four Periods of Life Year 1885.

CAUSES OF DEATH.		GL/	LBG(	0 <b>W</b> .		E	DI	TBU	RG	EL.		Dτ	IND	EE.			ABI	RD	EEN.	
	9-0	6-20	20-60	60,etc.	Total.	9-0	6-20	20-60	60,etc.	Total.	9-0	2-30	20-60 00-00	60 etc.	Total.	9-0	2-20	20-60	60,etc.	Total.
VII.																				
GENCE	75 2	56	198	40	369 2	28 1	18	58	20	124 1	47	14	37	11	109	8	9	15	17	49
3. SUICIDE	_	-	17	5	22	_	2	11	6	19	_	-	8	2	10	1	1	3	1	1 5
4. EXECUTION	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
VIII.													_	_	_			_		
ILL-DEFINED AND NOT SPECIFIED CAUSES .	480	81	189	40	690	102	1	24	18	140	148	8	28	2	176	59	5	8	7	79
MIASMATIC DISEASES.																				
Small-pox - Unvaccinated (No statement	- - 1	1 -	1 2	=	1 8	-	-	=	-	-		-	-	=	-	=	=	-	=	-
Chicken-pox	6 419	-	1	-	489	2 15	ī	-	-	2 16	44	- 8	_	=	47	1 11	ī	-	=	1 12
Epidemic Rose Rash . Scarlet Fever	188		11	=	297	18	10	2	-	80	2	2	-	-	-4	11	7	2	-	20
Typhus	- 	4	11 1	=	15 1 2	-	1 -	7	3 - 1	11	-	1 -	2	=	8	-	=	2 -	- - 1	2 - 1
Hooping-cough Mumps	496 1	36 -	-	-	582 1	120		=	- 1	125 1	77	8	=	-	80	20	1	=	=	21
Diphtheria	88	1	2	-	114	35 -	11	4	-	50 -	24	7	-	1 -	82	9	5	1	-	15
Simple and Ill-defined Fev. Enteric Fever . Other Miasmatic Diseases	18 -		44	-	118	- 5 -	38 -	35 	2	75	1 1 -	- 6 -	9	2	18 -	1 -	- -	6 -	=	13
DIARRHORAL DISEASES.																				
Simple Cholera Diarrhœa, Dysentery .	252 252		39	40	12 346	73 —	3	8	- 8	92 	1 68	- -	1 8	8	81	38	Ξ	<u></u>	10	54
MALARIAL DISEASES.																				
Remittent Fever	1	<u>-</u>	=	=	1	-	ī	<u>-</u>	-	1		<u>-</u>	=	-	-	-	=	ī	=	ī
Zoogenous Diseases.																				
Hydrophobia	] :	=	=	=	-	-	-	-	-	- 1		-	-	=	-	-	-	-	-	-
Splenic Fever Cow-pox and other effects	-   	-	-	_	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
of Vaccination .	<sup>'</sup>	_	<u> </u>	Ē	-	<u> </u>	_	<u> </u>	_		_		_	<u> </u>	<u> </u>	_		_	<u> </u>	-
VENEREAL DISEASES.						ا . ا														
Syphilis Gonorrhœa, Stricture of Urethra	- -	<u>-</u>	9	1	75	16 -	- -	2	1	22 8	18 	_	1	_	18	-	- -	-		8
SEPTIC DISEASES.		_	_	_	_	_	-	-	_	_	_	-	_			_	_	_	_	
Rrysipelas	20 - -	6 1 3	28 6 43	7 1 -	56 8 46	6	1 -	12 3 16	8 2 -	22 6 16	5 - -	2 1 -	8 1 19	3 -	19 2 19	2 - -	1 - -	9 3 9	1 -	14

## in Eight of the Principal Towns of Scotland. Year 1885.

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Xeaf 1850.																			
		GL/	LBG(	œ.	1	EDINBURGH.						שמ	ND	·	ABERDERI,				
CAUSES OF DEATH.		<del>4</del> -20	09-06	80, etc.	Total.	9-6	<b>2</b>	09-06	80, etc.	Total.	j	08-9	09-08	40, etc.	Total.	î,	2,0	90-060 Office	
PARASITIC DISEASES. Thrush Other Dis. from Veg. Parasites Hydstid Disease Other Dis. from Animal Paras.	2 -		-	- 1 -	2	5 -		1 -	1 -	6	1 -			-	1 -	4	-		
DIETETIC DISEASES.  Starvation, Want of Breast Milk Sdurry Intemp. (Chronic Alcoholism Delirium Tremens.)	12 - - -		222		13 27 6	-		- 13 7		16 17 7	5		- 8 1		5 - 8 1	1 -	-	-1	
CONSTITUTIONAL DINEASES.  Rheu. Fever, Rheu. of Heart Rheumatiam Gdut. Rickets Cancer Tabes Mesenterics Tuber. Mening. (Acute Hydro.) Phthisis Ot. forms of Tuberculosis, Scrof Purpura, Hemorrhagic Diath. Ansemia, Chlorosis, Leucocyth. Diabetes Mellitus. Other Constitutional Diseases	m to	6 2 - 1 8 53 41 842 43 3 1	10 10 162 155 1037 23 1 10 8	59 1 35	19 19 7 255 244 226 1580 124 5 16	1 -6 1 10 72 17 24 1 -	5 1 14 31 87 7 	13 3 1 118 3 401 7 1 4 3	18	21 6 8 6 196 36 106 528 39 2 7 5	1 18 27 5 10 1 8	2 1 - 1 9 8 89 10	9 5 - 58 1 - 274 5 - 8 -	25 - 1	13 8 2 80 28 33 369 25 1 6	31 8 10	8 - 1 - 1369 - 1	148 148 6	and the second second
DEVELOPMENTAL DISEASES.  Premature Birth Attelectasis Cyanosis Spina Birida Imperforate Anus Cleft Palate, Hare-lip Other Congenital Defects Old Age	360 8 9 13 - 1 10 -			354	36q 8 9 13 - 1 10 354	1 			214	143 7 8 4 1 - 8 214	88 11 2 1 1 - 8			148	88 11 2 1 1 3 143	60 8 1 2 1 - 3	1		11111111111111111111111111111111111111
DISEASES OF NERVOUS SYSTEM.  Inflam of Brain or its Membranes Apoplexy Softening of Brain Hemiplegia, Brain Paralysis Patalysis Agitans Insanity, Gen. Par. of Insane Chorea Epilepsy Cohvulsions Lafyngismus Stridulus Idiopathic Tetanus Paraplegia, Dis. of Spinal Cord Other Iris. of Nervous System	17 - - 4 255 J2 2	84 9 1 3 4 10 1 12 31	9	112 28 124 1 3	392 264 33 203 1 4 272 24 272 13	2 81 4	2 4 8 - 5 7	10 42 1 18 1 9 9 2 1 3 24	8 99 8 71 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	79 145 9 91 10 8 16 86 4	57 4 	27	6 19 6 26 1 5 2 2 8 7	1 35 7 46 	91 59 18 72 1 6 64 3 12 49	36 1 2 - 1 39 - 12	15 1 1 5	7 13 2 20 1 5 5	A Charlette
DISEASES OF ORGANS OF SPECIAL SENSE. Otifis, Otorrhœa Epistaxis and Disease of Nose Opphalmia and Disease of Eye	<u>6</u> 1	51		1 -	11 2 1	8 -	3 -			6	3 -	1 1 -			4 -			-   -	1

t						c ea			50.	_											
		6RI	EN	OĠK			L	BIT	H.			PΑ	ISL	EY.				Yal.			
NES OF DEATH.	9-0	079	20-86	95. 96.	Total.	9	6-30	20-60	9.0	Total	ĝ	2-30	09-06	60, oto.	Total.	ğ	6-20	20-60	60, etc.	Total.	Grand Total.
ampic Diseases.				<del></del>			_														
k from Veg. Parasites Disease is from Animal Paras.	= =	- - -	-		-	1 1 1	-	-			1 1 1		1 1 1	1111	1111	-			1 1 1	1111	18 2
MIC DISEASES.	_	_	_	     -		_	-	-	-	-	-	,	1	-	1	1	1.1	-	-	1	37
(Chronic Alcoholism (Delirium Tremens .	- - -	- -	- 6 -	<u>-</u>   <u>-</u>	- -		- -	- -	= -	3 -	- - -	- -	- 8 1	<u>-</u>	3	- -	-	1	- -	1	66 15
erer, Rheu. of Heart athun  desenterica  Menhae, Cacute Hydro.)	- - 1 1 23	1 2 8 4	1 3 - 16 - 1	1 12 -	2 4 - 1 31 31 19	- - - - 10 21	3 1	8 3 - - 16 1	- 2 - 7 -	6 6 - 23 14 25	1 - 1 - 12 7	1 - 1 - 2 5	2 1 - 15 2	11 -	4 4 - 2 26 16 17	- - 9	- - - 2	7 1	12	19 19 12 2	76 51 4 18 713 894 469
most Tuberculosia, Scrof. a Hemorrhigic Diath. A Chlorosia, Leucocyth a Mellitus antisutional Diseases.	14 10 4	40 6	9# 3 2 1 -	6 -	155 13 2 1 -	5 5 2 - -	26 9 1 - -	85 4 - 8 - -	10	126 18 4 4 -	5 - - -	30 4 - - - -	109	1 -	148	- - - -	10 1 	1 -	i	57 2 - 2 -	3104 257 16 48 16
are Birth	42 - 2 1		- - - - - 1		42	36 5 1 - - - -			- - - - - - 87	86 5 1 - - - 37	83 I - g - -	-		78	38 1 - 2 - - 78	20  2 1  			43	20 - 31	782 40 18 25 4 1 25 1040
MERVOUS SYSTEM.  A Brain or its Membranes  Ty  Ty  Ty  Ty  Ty  Ty  Ty  Ty  Ty  T	66 9 - - - - 16 6	20 2 1 2 2	1 21 1 8 - - 1 - 3	1 19 1 26 - - 1 1	88 44 2 84 - 3 18 6 - 5	6 1 26 2	2 1 2 1	4 7 9 - 2 - 8 1 - 1	38 8 24 	12 42 8 88 - 2 - 3 27 27 28 22	28 2 	16 - 2 - 1 4 - 1	2 16 - 18 - 3 - 2 - 1	1 17 2 39 - - 1 - - 5	45 85 9 59 - 3 - 5 33 - 10	7181	3	26 1 - 1 21	16 2 11 	128 28 19 1 1 1 1 9 1 9 1 9	778 678 71 568 2 82 69 549 26 18
ALSE OF ORGANS OF SPECIAL SENSE.  OCOTION OF Disease of Nose	24	5			43	16		8	-	21			1 -		1 -	1	1 -	2	- - 1	1 1 -	560

1ear 1000.																			
		GL/	\8G	OW.		E	DIN	BU.	RGI	I.		DU	ND:	ABERDERY.					
CAUSES OF DEATH.	0~2	2-30	30-60	60, etc.	Total.	3	2-30	20-60	60, etc.	Total.	9	2-30	20-60	60, etc.	Total.	<b>9-</b> 0	6-20	20-60	Total
DISEASES OF CIRCULATORY SYSTEM.																		,	
Endocarditis, Valvular Dis. Pericarditis Hypertrophy of Heart Angina Pectoris Syncope Aneurism Senile Gangrene Embolism, Thrombosis Phebitis Varicose Veins Other Diseases of Circulatory System	8 1 - 2 4	49 4 3 2	842 10 17 11 17 17 - 4 1 - 27	185 - 8 4 16 1 5 - - -	584 15 25 15 38 18 5 11 1 -	1	15 1 - 1 1	140 5 10 4 11 17 1 7 - 2		801 7 24 6 19 19 7 9 1 2	2	17 2 - - - - - - - -	100 2 13 - 4 6 - 2 - 3	68 1 6 - 5 - 8 - - - 5	186 5 18 2 9 6 3 2 -	1111111111	11 2		2 1 1 2 2 6 1 1 1 7
DISEASES OF RESPIRATORY SYSTEM.  Laryngitis	18 108	2 6	4		25 114	4 27	1 2		1 -	6 29	2 18	ī	2	1	5 19	8 13	8 3	2	-
Other Diseases of Larynx and Trachea Emphysema, Asthma Bronchitis	3 949 664 3	1 1 49	8 12 428 402 40 36	;	7 23 1812 1244 55	1	13	2 86 116 18	8	6 13	1 237 102 -	11 23 2	3 93 95 5	2 1 85	3 4 126 265 8	1 108 47 -	- - - 5 -	1 4 27 35 4	1420
DISEASES OF DIGESTIVE SYSTEM.																			
Stomatitis Dentition Sore-throat, Quinsy Dyspepsia Hernatemesis Melema Diseases of Stomach Entertitis Ulceration of Intestine Heus, Obstruction of Intestine Strict, and Strang, of Intestine Hernia Fistula Peritonitis Ascites Gallstones Gallstones Gallstones Cirrbosis of Liver Other Diseases of Liver Other Diseases of Liver	2 7 4 2 59 2 -	7 9 5 1 1 3 3 3	1 - 2 4 4 4 - 51 19 4 23 1 222 1 555 7 - 15 68 15	1 - 1 6 1 - 13 8 2 6 1 1 1 5 - 13 5 - 7 43 5	5 144 11 20 5 1 114 166 8 42 6 10 41 3 144 14 1- 22 186 84	41 2 3 1 15 30 - 3 - 8 - - - - 8	1 4 - 1 - 1 1 1 1	1 - 3 - 3 1 19 4 6 4 1 - 7 1 26 1 1 1 4 19 10	3 1 -7 1 2 12 -4 1 11 2 -4 25 2	1 41 9 6 4 2 42 39 8 20 1 5 12 2 61 8 50 19	1 20 1 1 7 21 5 1 5 8	1 2 2 2 3 3 1	1 - 2 - 4 4 4 2 10 - 1 6 11 6 11	2 - - 5 4 - 1 - 1 6 - 3 1 - 4 2	20 3 3 1 1 18 8 1 4 15 - 2 12 1 20 2 - 6 20 11	277	1 2 2 2 1 1	1 - 8 6 4 2 1 - 3 1 4 1 - 1 8 4	4 - 4 - 8 1 - 8 7 8
DISEASES OF LYMPHATIC SYSTEM & DUCTLESS GLANDS. Phiseases of Lymphatic System Diseases of Spleen Bronchocele	8 -	1 1 -	2 2 1		6 3 1	1 -		2 2 1		8 2 1	1 - 1	1 - 1			111	1 1 1		1 1 -	
Addison's Disease  DISEASES OF URINARY SYSTEM.		-	i		î	-	_		_	_	<u> </u> -	_			-	-	_		-
Acute Nephritis Bright's Disease Uremia Suppression of Urine Calculus Hematuria Disease of Bladder and of Prostate Other Disease of Urinary System	18 5 1 1 - 1 1 5	9 8 1 - 1 1 - 6	25 58 5 1 - - 9	8 8 1 3 2 - 16 13	60 79 8 5 3 2 26 54	1 1	4 4 2 2	6 27 4 - - 1 19	3 3 2 2 1 1 1 21 11	14 40 6 2 1 1 24 33	1 1	1 4 1 2	2 15 - - - 3 7	2 1 - 1 - 3	6 21 - 1 - 7	1	2 2	3 6 - 1 - 3 9	10

## in Eight of the Principal Towns of Scotland. Year 1885.

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-	GREENOCK.						L	EIT	H.			PA	IBL	BY.	PERTH.					
CAUSES OF DEATH.	ş	08-9	20-60	60, etc.	Total.	9	2-30	30-60	60, etc.	Total.	9-0	05-9	30-60	60, etc.	Total.	9	6-20	20-60	60, etc.	
NEASES OF CIRCULA FORY SYSTEM.																				
Indocarditis, Valv. Dis. Fericarditis Hypertrophy of Heart Angina Pectoris Syncope Aneurism Senile Gangrene Embolism, Thrombosis Philabitis Varicose Veins Other Dis. of Circulatory System	1	6 2	42 2 - 3 1 - - 1	22 - 1 1 1 - - - 2	70 5 1 1 5 1 1 - - 1 3	1 1	3 - 1	31 1 3 1 - 1 - 2	25 1 2 1 8 1 2 1 -	60 1 4 2 6 2 2 2 7 -	2	1	28 1 1 1 8 2	30	63 1 2 8 - - 8 - 1	1111111111		16 	19 - 1 - 2 - 2 1 3	8
SYSTEM. Laryngitis Coup Other Dis. of Larynx and Trachea Emphysema, Asthma Froschitis Freemonia	5 13 - 97 89	- 1 - 2 12	- - 1 26 50	1 - 39 14	6 14 - 1 164 165	- 19 - 78 27	1 1 1 3 3 3	- - 1 21 22	1 - - 86 13	1 28 1 2 138 65	2 11 - 84 45	- 3 - 5 10	2 - 1 - 52 29	28	4 14 1 179 107	- 2 - 22 8	- - 1 8	1 99	- - - 26	5 2
Plearing Other Dis. of Respiratory System DEEASES OF DIGESTIVE	1	1	4	2 1	7	-	-	1	-	1	-	-	1	-	1	-	-	-	1 	
SYSTEM.  Stomatitis Dentition Sore-throat, Quinsy Dyspepaia Hæmatemesis Melama Diseases of Stomach Enteritis Ukeration of Inteatine Ileus, Obstruct, of Inteat. Stric. or Strang, of Inteat. Hernia Fistula Fistula Fistula Ascites Gallstones Chrhouis of Liver Cher Diseases of Liver Cher Diseases of Liver Cher Diseases of Liver Cher Diseases of Liver Cher Diseases of Liver Cher Diseases of Liver Cher Diseases of Liver	25 1 1 1 - 3 18 - 1 1 1 1 - - - - - - - - - - - - -	3	1 2 1 2 1 2 1 - 8 1 - 1 4 -	3 - 1 - 3 - 1 5 1 5	25 1 1 1 7 23 1 4 2 1 5 - 18 2 11 1	1 9 1 1 7 18 1 1 1 1 2 1 2 7 7	1 2 2	1 4 4 2 5 1 1	1 - 3 1 - 4 1 4 1 4 1	1 9 2 - 2 1 1 6 25 1 5 - 1 1 - 3 11 8	65 - 1 - 1 9 1 - 9 3 1	1		771111	65 6 2 - 13 18 2 3 1 - 3 - 16 - 2 4 10 4	1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 -	11		2	_
AND DUCTLESS GLANDS.  Dis of Lymphatic System Diseases of Spleen Bronchocele Addison's Disease		-			1111	1 1 1			-		1 -		- - 1		1 - - 1					
DISEASES OF URINARY SYSTEM. Acute Nephritis Bright's Disease Unemia Suppression of Urine Calculus Harmaturia Dia of Bladder and of Prostate Other Dia, of Urinary System	1	1 2 - 1 - -	1 4	1 2	6 6 1 1 5	2	2 2 2 - - - - 1	4 7 - - 1 4	3 - - - 2 2	8 12 8 7		3 2	1 8 - - - 2 2	1 1 6	5 11 - - 8	-	-	1 2 4	- - - - 4	

### 40 DEATHS from all Causes at Four Periods of Life Year 1885.

	BL 1. THE	95.0	Minus.	pergora s		-	-	_	-	-		-	-	-	-			-	_	7
	:	GL	SGC	w.		Ė	ĎIŇ	BU	RGH	1.		ĎŪ	ND	EE.		4	ABE	RDE	EN.	1
CAUSES OF DEATH,	9-0	5-20	20-60	69, etc.	Total:	9-0	5-20	20-60	60, etc.	Total.	9-0	5-20	20-60	60, etc.	Total.	9-0	2-30	20-60	60, etc.	Total.
DISEASES OF ORGANS OF GENERATION.																				
Ovarian Disease Diseases of Uterus and Vagina Disorders of Menstruation Pelvic Abscess Perineal Abscess Dis. of Testes, Penis, Scrotum, &c.	- 1 - - 1	1 -	6 20 2 1 - 1	3 3	9 25 2 1 - 2	111111	1	8 8 - 1 - 1	2	10 9 - 1 - 1	- - - 1	11111	3 1 - 1	2	3 3 - 1 - 1	111111	11111	I 2	3	11.1.1.1.1.1.1
DISEASES OF PARTURITION.																				
Abortion, Miscarriage Puerperal Mania Puerperal Convulsions Placenta Previa, Flooding Phlegmasia Dolens Other Accidents of Childbirth	11111	1 - 3	1 4 3 14 1 58	11111	1 5 4 14 1 56	111111		- 3 8 2 9		- 3 8 2 9	111111		1 1 3 1 10	111111	1 1 3 1 10	11111	1	1 10	111111	1 4
DISEASES OF ORGANS OF LOCOMOTION.													1					1		1
Caries, Necrosis Arthritis, Ostitis, Periostitis Other Dis. of Organs of Locom.	4 2 4	14 4 2:	14 4 7	- 3 -	32 13 34	2 - 5	16 - 6	1 4	1	22 2 15	1 1 1	3 - 6	-	1 -	5 1 9	- 1	3 -	9	ī	
DISEASES OF INTEGUMENTARY SYSTEM.																		1		
Carbuncie Phlegmon, Cellulitis Lupus Ulcer, Bed-sore Eczema Pemphigus Other Dis. of Integument. Syst.	-4 -2 4 1 2	3	9 - 1	1 1 - 6 1	1 11 - 17 5 1 3	- 3 - 4 2 5	1 1	- 2 - 2 - -	2 1 - 2 -	2 7 1 4 4 2 5	- - 3 1	1	1 1 3 -	4 1	1 2 1 7 4 1 2	1 1 1	1	3 - 2	2	1 3 1 1 1 1 1
Accident or Negligence.	H		÷	-	-	-		_	_	-	Ė	-	-	_	-	-	-	-	1	-
Fractures, Contusions Gunshot Wounds Cut, Stab Burn, Scald Poison Drowning Suffocation Otherwise	11 - 28 - 8 17 11	28 - 9 8 5 - 11	111 -1 14 8 44 12 8	26 - 3 2 4 - 5	176 	4 - 9 - 1 10 4	7 1 - 2 - 1 - 7	39 - 2 6 2 1 8	11 1 2 1 - 2 3	61 1 15 7 4 13 22	7 - - 5 - - 34 1	2 - 6	21 - - 2 2 8 1 3	5 - 1 1 1 1 - 3	37 	3 - 1 - 4 - 4 -	4	7 - 1 6 - 1	14	25
Homicide.		_	-			<u> </u>			_				1			-	' 			_ i
Murder, Manslaughter	2		_	-	2	1	_	<u>_</u>	<u>-</u>	1	Ŀ	-	-	-	-	1	<u> </u>	_	-	-
SUICIDE.  Gunshot Wounds Cut, Stab Poison Drowning Hanging			2 4 - 2 8	- 2 1 - 2	2 6 1 2		ī - -	1 6 1 - 1	- 2 - 1	1 9 1 1			2 2 - 1 3	- 1 - 1	2 3 - 1 4			1 1 -	1	
Otherwise	_	<u> </u> -	1	_	1	<u> </u>	1	2		6	_	<u> -</u>	-	<u> -</u>	_	Ŀ	1	<u> </u>	<u>  -</u>	H
Execution.	ł				<u> </u>															
Hanging .	Ŀ	-	<u> </u>	_	<u> </u>	<u> </u>		_	_		Ë	_	<u> </u>	-	<u> </u>	-	<u> </u>	<u> </u>		-
LL-Defined and not Specified Causes.													! !				 			-
Dropby Debility, Atrophy, Inanition Mortification Tumour	118 118	5 14 -	26 85 3 8	15 - 4 3	52 467 8 11	1 92 - -	- 1	6 7 - 6	6 - 1 4	1 10	2 188 - -	1 -	11 -	1 -	10 149 -	53 - -	3 - - 1	3	1	54
Abscess Hæmbrrhage Shidden (cause unascertained) Other Ill-def. & not spec. causes	10 2 14 29	7 1 2 2	30 29	- 18 5	22 6 59 65	1 1 - 7	ī - -	- 4 - 1	- - -	1 8 - 8	3 - - 5	2 -	2 2 - 2	1 - - -	8 2 - 7	4 - 1 1	- 1 -	1 2	1 - 2	3

### in Eight of the Principal Towns of Scotland. Year 1885.

					4	r es	r.	18	טס	•											
	•	BRE	EN (	CK			L	EITI	Ħ.			PA	IBL	EY.			Pl	ERT	Ħ.		ita).
TAUSES OF DEATH.	9-0	6-20	20-60	00, etc.	Total.	9-0	02-¢	00-03	60, etc.	Total.	9-0	6-20	20-60	00, etc.	Total.	J.	6-20	20-60	60, etc.	Total.	Grand Total
exacts of Organs of Generation.												i									
tan Distance ness of Uterus and Vagina piers of Menstruction is Abscess seal Abscess	1 1 1 1 1		1 3 - 1	-	1 3 - 1			ī -	1	1 1 -		- 2	- 3 1	1	- 4 3 1	11111		1	ī	1 1 -	28 51 5 5
Tesfes, Penis, Scrotum,&c.	_	_	-	2	2	-	-			-	1		_	-	-	· -	-	-	-	-	6
tion, Miscarriage peral Manta peral Convulsions man Frevia, Flooding passia Dolens t Accidents of Childbirth			1 - -	-	1			- 1	-	- - 1		- - 1	- 1		- 2	, , ,		, <u>-</u>	<u>-</u> -	1 1 1	4 6 12
possin Dolens Accidents of Childbirth	-	- 1	- 7	-	- 8	-	-	3 - 4	-	3 - 4	-	-	- 7	-	4 - 7			- 5	-	5	36 4 110
EMASEN OF ORGANS OF LOCUMOTION.		_				$\vdash$			_		-	_		_	_	_	_	_			-
a Necrosis dis, Ostitis, Periostitis Plis of Organs of Locom.		2 1 5	-	-	? 1 5	1	2 - 1	1 - -	- - -	4 - 1		3 1 1	2 -	ī 1	5 2 1	- - -	1 -	1	-	- -	77 19 70
ANES OF INTEGUMENTARY STSTEM.																					
macle gmon, Cellulitis 7, Bed-eore			- 1	2	- 2 - 2	2	-	- - 2	2	- - 4 2	1 -		1 -	ī - -	1 3 - -	-	-	-			5 28 2 40 16
bigus . Dia of Integument. Syst.	-	-	-	-	- -	-	-	-	-	-	-	-	-	=	-	=	-	-	-	-	4 13
DEST OR NEGLIGENCE.					_										_		_	_			-
ares, Contusions bot Wounds . Stab . Scalid . ning . zation .	1 - 1 6 -	4 2	17 - 1 2 7 2 1	7 1	29 - - 2 2 6 8 4	1 - 1 - 2 - 2 -	3 - 3	7 - 4 - 3	1 - 1 - 1	11 - 5 - 8 2 4	1 - 1	8 - 2 - 2 1	7 - 2 1 - 3	3 1 - 2	14 - - 3 3 3 2 5	- 1 - 1	2 1	1 - 1 1 - 2	1 1	1 1 1 1 1 8	358 2 3 92 30 108 94 90
HOMICIDE. er, Manalaughter	_	-	_	_	-	_	_	_	_		_								_		4
SUICIDE.	_		3		3		_		_			_				-			_		
hab along and a second a second and a second and a second and a second and a second and a second and a second and a second and a second and a second a second and a second and a second and a second and a second and	-		1	11111	1 1 -	11111		1	11111	1	11111	11111	1	1	1 -			1		1	9 21 3 7 16
Rédution.			_																		
PINED AND NOT SPROIFIED CAUSES.							_	 ,		_	_		_			<u> </u>					
y iy, Atrophy, Inanition katton ur m writings in (cause unascertained) Ill-def. & not spec. causes	1 61 1 - 1 2 6	1 - 1 - 1	8 5 1 - 1 - 2	3	872 - 2229	2 20 - - - 1	4 1 1 1 1 1 1	2 1 - 1	1 - - 1 1	3 22 1 - 1 1	52 - 2 - 2	1 5 - 2 -	- - 1 -	2 - - 1 - 1	8 59 - 6 - 1	16 - - 1	111111	1	- 1 -	16 - 2 - 1	94 985 14 26 45 20 66

## 42 VI.—DEATHS from all Causes in Eight of the Principal

			197					10 01				1	
CAUSES OF DEATH.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November,	December.	Year.
ALL CAUSES	3171	2421	2614	2413	2223	2260	2026	2085	1822	1983	2281	2557	2785
I. SPECIFIC FEBRILE OR ZYMOTIC DISEASES II. PARASITIC III. DIETETIC IV. CONSTITUTIONAL IV. DEVELOPMENTAL IV. LOCAL IV. VII. VIOLENCE IV. VIII. ILL-DEFINED AND NOT SPECIFIED CAUSES		369 1 7 413 162 1291 70 108	369 1 12 501 187 1358 67 119	326 13 470 158 1268 55 123	281 1 10 492 143 1130 63 103	277 14 445 160 1185 75	268 1 8 405 145 999 88 112	398 	253 2 7 380 144 881 61 94	249 3 10 384 152 1032 67 86	263 2 7 377 152 1324 65 91	227 2 8 434 159 1535 85	369 1 11 516 193 1478 84
I,  1. MIASMATIC DISEASES  2. DIARRHŒAL ,,  3. MALARIAL ,,  4. ZOOGENOUS ,,  5. VENEREAL ,,  6. SEPTIC ,,	326 36 1 - 15 35	306 27 - 11 25	308 27 - - 8 26	270 27 - 12 17	219 29 1 15 17	218 34 - 12 13	153 82 - 1 15 17	148 216 1 1 19 13	134 95 - 10 14	150 66 2 13 18	161 47 1 15 39	158 35 	254 7:
II. Parasitic Diseases .	2	1	1	-	1	_	1	-	2	3	2	2	
III. Dietetic Diseases	14	7	12	13	10	14	8	8	7	10	7	8	11
IV. Constitutional Diseases .	471	413	501	470	492	445	405	390	380	384	377	434	51
V. Developmental Diseases .	229	162	187	158	143	160	145	144	144	152	152	159	19
VI.  1. DIS. OF NERVOUS SYSTEM 2. , ORGANS OF SPECIAL SENSE 3. ,, CIRCULATORY SYSTEM 4. ,, RESPIRATORY SYSTEM 5. ,, DIGESTIVE SYSTEM 6. ,, LYMPHATIC SYSTEM	925	271 124 659 148	332 6 185 601 163	285 1 166 565 151	284 1 161 454 150	331 2 145 446 158	261 2 164 319 163	275 3 146 254 205	229 2 131 287 154	219 3 139 418 163	277 158 653 145	317 4 189 742 174	34: 19: 63: 198
AND DUCTLESS GLANDS 7. ,, URINARY SYSTEM . 8. ,, REPRODUCTIVE SYSTEM—	3 58	2 47	2 41	2 48	34	2 56	2 40	1 42	3 35	43	1 49	3 51	54
(a) DISEASES OF ORGANS OF GENERATION (b) DISEASES OF PARTU- RITION	8 25	8	5	6 20	10 14	8	11 17	9	8	5 11	11 9	6	9
9. , ORGANS OF LOCOMO-	15	14	11	15	16	11	13	15	11	14	10	18 21	16
TEM	10	10	5	9	6	8	7	8	7	17	11	10	10

										. Gai			
CAUSES OF DEATH.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Year.
VII.  1. ACCIDENT OR NEGLIGENCE .  2. HOMICIDE  3. SUICIDE  4. EXECUTION	83 - 6 -	66 1 3 -	59 - 8 -	50 2 3 -	57 - 6	69 - 6 -	82 - 6 -	57 1 3	55 - 6	63 - 4 -	57 - 8 -	79 - 6 -	777 4 65 -
VIII.  ILL-DEFINED AND NOT SPECI- FIED CAUSES	140	108	119	123	103	104	112	115	94	86	91	107	1302
MIASMATIC DISEASES,  Vaccinated Unvaccinated No Statement Chickenpox Measles Epidemic Rose Rash Scarlet Fever Typhus Relapsing Fever Influenza Hooping-Cough Mumps Diphtheria Cerebro-spinal Fever Simple and Ill-defined Fever Enteric Fever Other Miasmatic Diseases	2 102 36 9 - 124 - 23 - 1 29	1 	96 -42 5 -125 -20 -20	1 89 27 9 -1 103 -16 -1 28	57 17 4 102 15 1 2 20	58 30 6 - 85 21 1 16	1 26 21 2 2 73 10	14 	2 2 11 36 5 - 41 - 14 - 23	1 1 8 44 8 - 40 - 29 - 19	1 -1 10 -49 3 -2 43 -29 23	- 1 4 8 38 3 1 - 45 22 - 26 -	2 1 5 11 561 410 58 1 5 964 2 253 1 9 263
DIABRHGAL DISEASES. Simple Cholera Diarrhosa, Dysentery	3 <del>6</del>	27	1 26	27	1 28	1 33	5 77	7 209	3 92	. 3 63	47	1 34	22 699
MALARIAL DISHASES. Remittent Fever Ague	1 -	-	-	-	ī	- -	-	ī	,	1	. 1		3 3
ZOOGENOUS DISEASES.  Hydrophobia Glanders Splenic Fever Cowpox and other Effects of Vaccination	-	- - -	-	1 1	- - -	1	- - 1	- - 1		- -	-	- - 1	3
VENERAL DISEASES.  Syphilis	12 3	11	7	12	14 1	11 1	15 -	17 2	10	13	15	8 -	145 8
SEPTIC DISEASES. Phagedæna Erysipelas Pyæmia, Septicæmia Puerperal Fever	17 2 16	13 2 10	14 4 8	12 2 · 3	10 1 6	- 9 1 3	- 6 2 9	- 6 2 5	- 7 1 6	- 8 1 9	17 2 20	12 2 16	131 22 111

## DEATHS from all Causes in Eight of the Principal

CAUSES OF DEATH.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October,	November.	December.	Year.
Parasitic Diseases.									~			.01	70
Thrush Other Dis. from Veg. Parasites Hydatid Disease . Other Dis. from Animal Para.	1 - 1 -	1	1	-	1		1 -	-	2	3	1 1	2	13
Dietetic Diseases.													
Starvation, Want of Breast Milk	5	3	4	2	2	6	2	3	1	3	4	2	37
Intemp. {Chronic Alcoholism Delirium Tremens	9	4	5 3	10	6 2	6 2	5 1	1	5	5 2	2	5	66
CONSTITUTIONAL DISEASES.													
Rheumatic Fever, Rheumatism of Heart Rheumatism Gout Rickets Cancer Tabes Mesenterica	3	10 6 1 3 58 26	9 4 - 1 59 29	8 5 2 79 31	7 5 1 61 40	2 4 2 56 31	5 7 2 58 34	$\frac{4}{4}$ $\frac{3}{3}$ $\frac{51}{40}$	6 1 - 58 32	5 3 - 52 29	11 6 2 66 26	5 3 1 3 60 39	76 51 4 18 713 394
Tubercular Meningitis (Acute Hydrocephalus) Phthisis Other forms of Tuber. Scrofula Purp., Hæmorrhagic Diathesis Anæmia, Chl., Leucocythæmia Diabetes Mellitus Other Constitutional Diseases	38 307 20 1 3 2	3	47 313 31 1 1 6	39 280 23 3	48 299 26 4 1	276 19 2 6 1	48 221 24 1 5	40 227 17 4	$\begin{array}{c} 31 \\ 227 \\ 19 \\ 2 \\ 3 \\ 1 \end{array}$	29 238 20 4 3 1	35 208 20 1 2	38, 252, 25, 25, 3, 3,	469 3104 257 16 43 16 1
DEVELOPMENTAL DISEASES.													
Premature Birth . Atelectasis . Lyanosis . Spina Bifida . Imperforate Anus . Cleft Palate, Harelip . Other Congenital Defects .	87 8 1 2 1 130	42 1 2 3 1 - 4 109	65 3 3 7 - 1 108	73 1 2 - 4 78	64 3 1 2 1 - 2 70	68 3 2 1 3 83	70 2 1 1 - 72	61 5 1 2 75	70 6 3 2 - - 3 60	65 2 4 3 - 1 77	64 3 2 1 2 80	53 4 1 1 - 2 98	782 40 18 25 4 1 25 1040
DISEASES OF NERVOUS SYSTEM.													=
Inflammation of the Brain or its Membranes Apoplexy Softening of Brain Hemiplegia, Brain Paralysis Paralysis Agitans Insanity, General Par. of Insane Chorca Epilepsy Convulsions Laryngismus Stridulus Idiopathic Tetanus Paraplegia, Dis. of Spinal Cord Other Diseases of Ner. System	60 65 11 61 7 65 5 5 70	61 51 6 51 6 52 3 4 37	76 56 10 47 1 1 2 67 5 1 4 62	63 58 4 38 5 46 3 1 13 54	70 43 7 40 1 13 52 1 55 52	96 59 2 55 1 8 1 4 53 3 1 4 44	60 53 6 39 1 3 6 34 1 - 8 50	68 60 6 37 3 5 32 - 9 55	61 51 4 42 6 3 23 23 11 26	49 57 4 33 - 4 1 7 22 - 2 12 28	64 54 4 57 -2 2 3 40 2 2 5 42	50 66 63 63 4 11 8 62 5 4 5 40	778 673 78 563 563 6 69 548 28 18 86
DISEASES OF ORGANS OF SPECIAL SENSE.	E		F.	1		1	1	9	1	3			44
Otitis, Otorrhœa Epistaxis and Disease of Nose Ophthalmia and Disease of Eye	5 -	-	5 1 -	1	1	1	1	3	1	3 - -	-	4	24

### Towns of Scotland during each Month of the Year 1885.

CAUSES OF DEATH.	January.	February.	March.	April.	May.	June.	July.	August	September.	October.	November.	December.
Dis. of Circulatory System.  Endocarditis, Valvular Diseases Pericarditis Hypertrophy of Heart Angina Pectoris Syncope Aneurism Senile Gangrene Embolism, Thrombosis Phlebitis Varicose Veins Other Diseases of Cir. System	158 4 12 3 11 4 2 3 1 1 1 4 4	91 66 22 37 72 11	158 17 13 22 33 41	96 4 9 5 10 7 1 2	130 5 6 3 3 5 6 - 2	115 1 6 5 8 5 2 1 1 6	130 2 10 3 10 4 - 1	113 1 2 5 7 6 2 2 2	95 2 4 2 7 6 3 1 1 10	113 4 2 2 5 4 3 1	119 6 6 2 12 4 2 3	138 7 8 4 8 5 3 2
Dis. of Respiratory System. Laryngitis Croup Other Dis. of Larynx & Trachea Emphysema, Asthma Bronchitis Preumonia Pleurisy Other Diseases of Resp. System	7 39 7 563 291 7 11	8 30 1 3 383 213 9 12	25 5 331 212 13 11	2 14 2 3 290 231 15 8	2 9 1 227 193 10 12	10 -4 211 193 13 11	10 2 1 157 133 7 7	1 10 3 4 139 85 8 8	12 18 3 6 135 103 3 7	7 25 1 2 205 161 10 7	8 18 6 5 365 233 10 8	4 23 1 8 435 252 12 7
OISEASES OF DIGESTIVE SYSTEM. Stomatitis Dentition Sore-throat, Quinsy Dyspepsia Hæmatemesis Melæna Diseases of Stomach Enteritis Ulceration of Intestine Ileus, Obstruction of Intestine Stricture or Strang, of Intestine Intussusception of Intestine Hernia Fistula Peritonitis Ascites Gallstones Cirrhosis of Liver Other Diseases of Liver Other Diseases of Liver	2 30 8 7 2 26 38 5 12 2 20 - - 3 25 6	38 3 2 1 14 24 3 9 2 1 16 17 2 4 13 10	32 32 31 18 23 37 73 22 88 30 125 5	1 24 2 5 1 22 25 1 7 21 6 6 1 25 2 1 4 1 7	28 1 2 22 23 29 1 11 17 - 17 - 2 22 9	34 1 1 2 22 22 4 8 8 - 18 2 20 10	1 30 -3 -20 25 -5 1 1 5 1 28 1 -8 25 9	2 28 3 5 5 2 - 21 47 2 12 - 1 3 3 - 9 9 33 8	21 2 7 3 3 19 31 3 8 1 2 4 4 2 2 3 18 6	2 21 1 4 1 18 13 3 9 - 1 4 4 - 4 5 1 1 1 1 1 4 5 5 5 5 5 6 7 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8	1 23 4 1 2 2 14 28 2 4 6 6 3 24 1 1 4 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	11 333 22 
DISEASES OF LYMPHATIC SYSTEM AND DUCTLESS GLANDS. Diseases of Lymphatic System Diseases of Spleen Brouchocele Addison's Disease	- 2 " - 1	2	1	1	1 1 1 1	1 1 -	$\frac{1}{1}$	- 1 - -	2 1 -	0 7 1 7	1	3
DISEASES OF URINARY SYSTEM. Acute Nephritis Bright's Disease Uramia Suppression of Urine Calculus Hæmaturia Dis. of Bladder and of Prostate Other Dis. of Urinary System	9 23 2 1 - 8 15	10 16 - 3 - 1 6 11	6 14 1 - - 7 13	5 18 - 2 - 8 15	8 10 - 1 - 4 11	11 15 - - 1 1 1 14 14	11 11 3 - 6 8	10 13 1 1 3 - 7	5 11 2 - 6 11	7 13 2 1 9 11	14 16 3 1 1 1 7 6	9 24 - 1 - 10 7

# DEATHS from all Causes in Eight of the Principal Towns of Scotland during each Month of the Year 1885.

CAUSES OF DEATH.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Year.
DIS, OF ORGANS OF GENERATION.													. 18
Ovarian Diseases Diseases of Uterus and Vagina Disorders of Menstruation Pelvic Abscess Perineal Abscess Dis. of Testes, Penis, Scrotum, &c.	2 4 - 2 -	2 4 - 1 - 1	2 2 - - 1	1 3 1 - - 1	2 5 2 1 -	4 2 1 - 1	4 7 - - -	2 7	3 4 1	3 1 1	1 9 - - 1	2 3 - 1	28 51 5 5 -6
DISEASES OF PARTURITION.													
Abortion, Miscarriage Puerperal Mania Puerperal Convulsions Placenta Prævia, Flooding Phlegmasia Dolens Other Accidents of Childbirth	1 3 7 1 13	1 1 1 5	1 1 1 - 4	7 1 1 11	1 3 1 - 9	1 - - 3 - 14	- - 3 - 14	1 1 1 2 8	1 1 4 1 7	$\frac{1}{3}$	1 1 1 - 6	$\frac{1}{1}$ $\frac{1}{4}$ $\frac{1}{12}$	4 6 12 36 4 110
DIS. OF ORGANS OF LOCOMOTION.													127
Caries, Necrosis Arthritis, Ostitis, Periostitis . Other Dis. of Organs of Loco.	10 1 4	7 2 5	5 1 5	5 3 7	10 - 6	5 1 5	6 - 7	4 3 8	3 3 5	5 2 7	5 1 4	12 2 7	77 19 70
DIS. OF INTEGUMENTARY SYSTEM.													15 18
Carbuncle Phlegmon, Cellulitis Lupus	2	2 2	3	1 -	3	2	1 2	2	-	1 3	- 6 -	3	5 28 2 40
Ulcer, Bedsore	1 1 1	5 1 -	2	1 1 2	2 1 -	$\frac{1}{3}$	2 - 2	2	4 1 1	8 1 1 3	1	5	16 4 13
ACCIDENT OR NEGLIGENCE.			-				_					-	-
Fractures, Contusions Gunshot Wounds Cut, Stab Burn, Scald Poison Drowning Suffocation Otherwise	33 1 14 2 8 11 14	32 	23 1 1 9 1 7 12 5	24 - 7 2 7 4 6	16 6 3 16 8 8	35 4 1 14 7 8	33 7 3 18 9 12	35 	31 -4 1 6 5 8	35 1 1 2 4 8 6	24 - 12 - 4 9 8	37 	358 2 3 92 30 108 94 90
Homicide. Murder, Manslaughter		1		2		_		1		_			4
SUICIDE.				_	-			-				-	- 13
Gunshot Wounds Cut, Stab Poison Drowning Hanging Otherwise	1 1 - 1 3 -	1 2 -	1 1 1 4 1	1 1 1	- 2 - 1 1 2	- 4 - 1 1	1 1 1	1 2	1 2 1 1 -	2 1 1 - -	$\frac{1}{2}$ $\frac{1}{2}$ $\frac{1}{2}$	3 - - 2 1	9 21 3 7 16 9
EXECUTION.													1
Hanging	-	-	-	-	-	-	-	_	-	=	-	-	-
ILL-DEFINED AND NOT SPECIFIED CAUSES.													
Dropsy Debility, Atrophy, Inanition Mortification Tumour Abscess Hæmorrhage Sudden (Cause unascertained)	13 92 5 3 9 2	6 75 8 4 3 3 5	11 90 2 1 - 6	11 97 - 1 5 1 6	6 78 1 2 2 1 5	4 78 - 1 3 1 6	9 76 - 3 3 3 2	9 80 1 1 9 2 3	6 74 - 3 2 - 4	4 61 2 2 3 2 8	7 62 - 1 5 4 4	8 72 -4 1 1 8	94 935 14 26 45 20 66
Other Ill-defined and not speci- fied Causes	7	9	9	2	8	11	16	10	5	4	8	13	102

						M	ALE I	BIRTI	IS.					Total Male
		Jan.	Feb.	Mar.	Apr.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Births
Glasgow .		928	780	936	900	826	877	881	798	813	855	794	846	10237
Edinburgh		328	297	302	501	273	367	291	316	316	307	288	353	3739
Dundee .		234	180	220	223	211	214	221	228	177	220	202	190	252
Aberdeen .		187	159	160	183	161	170	162	161	153	164	167	166	199
Greenock .		98	80	108	98	106	108	88	93	97	120	96	100	119
Leith .		84	80	93	124	94	79	91	102	105	109	104	110	117
Paisley .		82	84	88	110	88	103	97	84	85	101	85	87	109
Perth .		40	28	38	30	35	41	40	35	32	47	29	40	43
Total, 1885	,	1981	1691	1945	1969	1794	1959	1871	1817	1778	1923	1765	1892	2238
Total, 1884		1939	1829	1939	2076	2076	1987	2047	1827	1987	2018	1760	1984	2346
Total, 1883		2033	1685	1828	1933	2024	1842	1944	1816	1617	1906	1795	1835	2225
Total, 1882		1834	1700	2073	1848	2134	1930	1886	1747	1691	1912	1727	1795	2227
Total, 1881		1765	1674	1895	1981	2061	1935	1832	1867	1730	1876	1706	1823	2214
Total, 1880		1908	1712	2024	1953	1996	2033	1820	1776	1662	1662	1710	1761	2201
Total, 1879		1942	1697	1906	1995	1955	1838	1927	1729	1826	1831	1625	1857	2212

							FEI	MALE	BIRT	CHS.					Total Female
			Jan.	Feb.	Mar.	Apr.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Births
Glasgow .			834	787	811	877	801	828	847	786	720	782	758	835	9616
Edinburgh			302	280	322	295	827	349	284	272	277	302	283	887	8630
Dundee .			211	183	204	195	203	210	226	163	228	214	170	223	2480
Aberdeen .			187	158	159	154	157	141	159	186	162	164	156	159	1892
<del>Oreen</del> nek			98	92	114	106	101	117	89	88	100	101	92	94	1192
Leith .			88	69	79	87	110	106	83	88	98	100	96	108	1107
Paisley .			95	88	90	116	91	97	93	89	81	95	71	96	1097
Perth .	•	٠	84	87	84	48	42	49	88	39	31	43	40	26	451
Total, 1885	•	•	1849	1639	1813	1873	1832	1897	1814	1661	1692	1801	1666	1878	21415
Total, 1881	•	•	1847	1646	1810	1891	2038	2028	1853	1658	1798	1866	1656	1804	21897
Total, 1883			1962	1625	1712	1833	1932	1819	1791	1728	1511	1816	1640	1702	21071
Total, 1882	•		1851	1573	1848	1730	2088	1884	1747	1711	1627	1800	1767	1649	21270
Total, 1881			1720	1576	1766	1754	1898	1846	1756	1771	1635	1760	1617	1685	20784
Total, 1880			1778	1546	1887	1917	1944	1913	1750	1673	1587	1553	1668	1658	20869
Total, 1879	 	-:-	1922	1597	1893	1981	1918	1819	1936	1610	1764	1694	1557	1721	21419

							1	BIRTI	IS-B	OTH S	EXE	S.				Total
				Jan.	Feb.	Mar.	Apr.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Births
Glasgow .				1762	1520	1747	1777	1627	1705	1728	1584	1533	1637	1552	1681	19853
Edinburgh				630	577	624	596	600	716	575	588	593	609	571	690	7369
Dundee .				445	363	424	418	414	424	447	391	405	434	372	413	4950
Aberdeen .				374	317	319	337	318	311	321	297	315	328	323	825	3885
Greenock .				196	172	222	204	207	225	177	181	197	221	188	194	2384
Leith .		,		172	149	172	211	204	185	174	190	198	209	200	218	2282
Paisley .				177	167	178	226	179	200	190	173	166	196	156	183	2191
Perth .			•	74	65	72	78	77	90	73	74	63	90	69	66	886
Total, 1885				3830	3330	3758	3842	3626	3856	3685	3478	8470	3724	3431	3770	43800
Total, 1884				3786	3475	3947	3967	4114	4015	3900	3485	3785	3884	3416	3788	45364
Total, 1883				3995	3310	3540	3766	3956	3661	3735	3544	3128	3722	3435	3587	43329
Total, 1882				3685	3273	3916	2578	4222	3814	3633	3458	3318	3712	3494	3444	43547
Total, 1881	7			8485	3250	3661	3735	3959	3781	3588	3638	3865	3636	3328	3508	42929
Total, 1880				3681	3258	3911	3870	3940	3946	3570	3449	3249	3215	8878	3419	4288
Total, 1879			32	3464	3294	3799	3976	3873	3657	3863	3339	3590	3525	3182	3578	43540

## 48 VIII.—ILLEGITIMATE BIRTHS IN EIGHT TOWNS-1885.

				Jan.	Feb.	Mar.	Apr.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Total
Glasgow .				147	126	134	169	128	130	149	134	116	130	127	147	1637
Edinburgh				63	58	56	51	60	57	45	55	57	55	58	46	661
Dundee .				62	40	43	41	47	48	45	39	48	50	37	48	548
Aberdeen .				42	34	35	31	33	34	39	30	36	36	36	35	42
Greenock .	•			7	11	11	12	15	8	12	10	13	12	8	16	13.
Leith .				15	11	10	8	16	6	16	16	18	12	17	13	15
Paisley .	•			15	15	12	13	12	15	18	11	12	13	11	16	16:
Perth .			٠	5	12	3	8	6	10	9	7	3	8	5	7	8
Total, 1885				356	307	304	\$83	317	308	383	802	303	316	299	328	380
Total. 1884				831	254	274	274	330	310	324	313	356	308	253	312	363
Total, 1883	101	,		366	277	262	305	307	344	304	271	259	299	270	303	356
Total, 1882				300	252	318	257	360	286	286	256	270	297	314	296	319
Total, 1881				302	287	261	272	344	321	342	289	259	277	251	287	349
Total, 1880			,	290	267	315	280	315	340	286	286	256	283	290	262	347
Total, 1879				325	268	316	329	320	309	323	314	303	322	250	309	368
Total, 1878		3		311	261	323	322	332	274	817	312	279	348	281	299	365
Total, 1877				336	253	280	282	297	322	336	297	267	356	290	821	363
Total, 1876				322	322	303	266	339	310	333	298	276	306	313	316	870
Total, 1875				303	285	332	344	355	310	359	306	273	273	305	349	379

### IX.-MARRIAGES IN EIGHT TOWNS-1885.

	7	 	-												
			Jan.	Feb.	Mar.	Apr.	May.	June.	July.	Aug.	Sept.	Oct,	Nov.	Dec.	Tota
Glasgow .			660	247	319	385	205	593	510	234	286	331	421	371	4565
Edinburgh			207	128	127	158	85	307	229	165	148	127	192	193	2060
Dundee .			173	50	53	112	45	102	167	45	60	77	68	84	103
Aberdeen .			91	55	49	52	40	119	87	59	69	57	64	115	85
Greenock .		14	50	42	29	29	16	41	60	36	28	32	43	92	428
Leith .			56	29	31	30	15	81	42	47	45	35	43	54	50
Paisley .		4	7.4	30	27	48	17	57	36	70	21	29	44	34	-48
Perth .			23	15	13	10	-9	32	12	15	12	18	22	82	21:
Total, 1874			1354	596	648	824	432	1332	1143	671	669	706	897	905	1015
Total, 1884			1444	621	657	913	440	1414	1241	612	752	726	842	1000	1069
Total, 1883			1605	57.2	602	934	515	1460	1289	661	711	794	950	1153	1124
Total, 1882			1528	618	630	768	581	1360	1224	709	636	839	984	983	10760
Total,1881			1514	506	645	662	584	1228	1085	762	705	850	984	985	10510
Total, 1880			1252	515	636	686	537	1276	1049	710	614	639	964	837	973
Total, 1879			1308	526	584	665	47.1	1254	983	635	619	636	888	897	20 66
Total, 1878			1347	548	594	701	436	1277	1131	645	704	650	842	850	200
Total. 1877			1364	570	597	776	471	1545	1246	677	639	771	948	1112	102
Total, 1876			1479	652	622	628	519	1449	1199	689	657	796	931	113	
Total, 1875			1412	588	668	664	584	1548	1192	690	111826	by (NO)	1086	7 10	

								M.	ALE D	EATI	ZS.					Total Male
				Jan.	Feb.	Mar.	Apr.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Maie Deaths
Glasgow .				790	571	690	645	567	547	485	859	426	479	562	565	6886
Edinburgh				241	157	219	197	148	182	140	192	164	169	206	215	2230
Dundee .				211	139	149	116	101	109	115	85	89	84	103	108	1409
Aberdeen .		•		114	79	86	78	78	78	63	69	65	74	88	97	969
Greenock .	•			91	69	61	59	64	88	55	49	41	66	69	77	789
Leith .		•		66	58	48	48	49	51	42	44	43	87	43	52	571
Paisley .				64	63	58	71	50	64	58	65	52	42	58	72	717
Perth .	•	•		<b>3</b> 3	16	19	20	26	22	23	11	21	21	13	33	258
Total, 1885	•			1610	1147	1325	1234	1083	1141	981	1074	901	972	1142	1219	13929
Total, 1884			<u> </u>	1216	1151	1212	1246	1244	1172	1178	1099	1135	1162	1246	1609	14670
Total, 1883		_		1473	1293	1459	1431	1445	1260	1055	1102	990	1069	1198	1135	14910
Total, 1882				1136	1101	1164	1144	1247	1130	1156	1053	1021	1100	1173	1469	13894
Total, 1891			•	1499	1179	1273	1153	1127	1058	981	1050	869	1128	1044	1180	13541
Total, 1880		•		1310	1139	1441	1338	1842	1202	1075	1075	1003	1181	1294	1206	14556
Total 1879		•		1442	1250	1205	1239	1203	1057	981	828	932	907	938	1413	13395

10000							FER	MALE	DEA	THS.					Total
			Jan.	Feb.	Mar.	Apr.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Female Deaths
Glasgow .			722	599	651	561	530	511	489	504	425	473	549	586	6600
Edinburgh			245	185	198	186	215	202	177	148	150	176	179	262	2323
Dundee .	*		226	175	137	146	118	129	136	104	117	122	124	185	1669
Aberdeen .	1.		120	104	90	100	95	79	66	64	67	83	86	107	1061
Greenock .			76	76	66	50	66	76	60	59	45	49	62	72	757
Leith .	1.	*	58	52	59	44	30	50	44	47	45	40	52	57	578
Paisley .			68	63	61	. 68	66	51	54	70	48	57	68	83	757
Perth .			46	20	27	24	20	21	19	15	24	11	19	36	282
Total, 1885			1561	1274	1289	1179	1140	1119	1045	1011	921	1011	1139	1338	14027
Total, 1884			1198	1131	1151	1267	1267	1100	1189	1049	1180	1161	1226	1639	14558
Total, 1883			1516	1287	1449	1418	1335	1287	1124	1102	964	1116	1148	1138	14884
Total, 1882		 1	1220	1059	1169	1123	1213	1100	1036	1057	1009	1097	1247	1532	13862
Total,31881			1713	1245	1312	1202	1153	1044	919	983	911	1008	1083	1135	13708
Total, 1880	9.		1284	1210	1360	1278	1293	1082	1100	1068	1007	1131	1291	1183	14287
Total, 1879			1589	1356	1283	1238	1248	1022	998	873	856	901	895	1484	13743

							1	DEAT	HS-B	OTH	SEXE	S.				Total
3 17				Jan.	Feb.	Mar.	Apr.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Deaths
Glasgow .				1512	1170	1341	1206	1097	1058	974	1063	851	952	1111	1151	13486
Edinburgh				486	342	417	383	363	384	317	340	314	345	385	477	4553
Dandee .	4			437	314	286	262	219	238	251	189	206	206	227	243	3078
Aberdeen .	1	1.00		234	183	176	178	173	157	129	183	132	157	174	204	2030
Greenock .				167	145	127	109	130	164	115	108	86	115	131	149	1546
Leith .				124	105	102	92	79	101	86	91	88	77	95	109	1149
Paisley .				132	126	119	139	116	115	112	135	100	99	126	155	1474
Perth .				79	36	46	44	46	43	42	26	45	32	32	69	540
Total, 1885				3171	2421	2614	2413	2223	2260	2026	2085	1822	1983	2281	2557	27856
Total, 1884			1	2414	2282	2363	2513	2511	2272	2367	2148	2315	2323	2472	3248	29228
Total, 1883				2989	2580	2908	2849	2780	2547	2179	2204	1954	2185	2346	2273	29794
Total, 1882				2356-	2160	2338	2267	2460	2230	2192	2110	2030	2197	2420	3001	27756
Total, 1881				3212	2424	2585	2355	2280	2102	1900	2033	1780	2136	2127	2315	27249
Total, 1880				2594	2349	2801	2616	2635	2284	2175	2143	2010	2262	2585	2309	29813
Total, 1879	1		-3	3031	2606	2488	2477	2451	2079	1979	1701	1788	1808	1833	2897	27138

XI.—ABSTRACT of the METEOROLOGY in Eight of the Principal Towns of Scotland during the several Months

of the Year 1885.

				-				_		_		-	_	_	_	_	
		Pres	dean sure on re foot.	lbs.	1.88	2.62	2.24	2.10	1.74	17.1	1.57	1.78	3.39	2.17	1.77	8:34	2.10
			Calm or Variabla		-	-	-	~	•	-	•	-	-	-	-	•	•
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		Number of Days it blew in certain Directions.	SE		•	24	2	+	œ	•		9	9	-	7	3	37
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e, 3°		ž	NE		8	-	~	•	4	~	<b>C4</b>	•	_	•	~	2	35
gitud			z		69	•	80	-	٥ı	-	•	64	-	<b>4</b>	-	-	18
Mean West Longitude, 3° 30'	RAIN.	An	ount.	incb.	3.60	8:63	<b>5</b> :34	1.87	8.35	9.89	1.33	2.43	<b>4</b> .58	8.38	8.18	1.95	20-48
ın We	RA	Nun Day:	nber of s it fell.	days.	17	30	13	13	22	6	10	13	12	15	97	15	162
Mea	£		midity. c. 100.		87	98	81	42	11	7.4	82	81	81	81	98	87	83
Mean Latitude, 56° 12'.	DEDUCTIONS from Glaisher's Tables, 2nd Edit,	in Cu	f Vapour bic Foot 'Air.	Ę,	2.19	2.41	3:30	271	2.78	8.60	4.34	3.82	3.45	3.60	2.20	2.44	2-93
ude,	DEDUCTIC Glaisher's 2nd Edit		ic Force apour.	Inch.	.190	-208	198	-234	.341	318	.879	.341	.302	-232	-220	-211	.526
Latit	from		v-point perature.		33.2	35.5	34-3	98.6	89-3	9.94	51.4	48.5	45.4	37.5	37.0	82.8	\$-04
	IETER.	Ter	Bulb, or np. of oration.		£.38	8.18	87.3	6.13	43.1	9.09	9.75	51.3	<b>\$</b>	9.0	30-2	37-8	43.2
Height above the Sea-level, 123 feet.	пуброметек	Mean	Bulb, or Temp. Air.		8.98	39.5	39.7	#. <del>\$</del>	<b>†.9</b> ‡	8.4.8	2.89	2.3	51.3	48.1	41.0	39.4	45.8
vel, 1			eatest Kange.		1.91	17-9	21.6	26.1	21.6	25.3	27.7	26.7	24.8	21.0	9.01	21.4	7.12
Sea-le			n Daily		8.3	10.4	12.6	2.4	13.6	15-2	16.5	2.51	18-9	11.4	9.2	9.6	12.8
e the	SELF REGISTERING THERMOMETER.		nthly inge.		27.1	8.62	27-2	33:7	31.7	87.0	8.7.8	33-1	94.9	30-3	6-62	2.28	2.83
t abov	REGIE	М	lean erature.		36-7	0.0	40.0	45-0	9.94	1.99	29-1	9.75	25.0	9.84	11.0	89-2	46.1
Heigh	SELF		rest in		20.0	20-3	23.0	0.22	6.68	9.4.2	0-14	34.0	0.92	0.12	- 0-2	0.	20
Mean 1			hest in		25.3	8.43	29-0	6.99	6.75	8.62	0.88	75.7	69-0	57-2	62-1	57-0	
4			nthly	اء ا	_	-				_				_			-
	BAROMETER.		inge.	inch	1.996	1.367	1.358	1-210	0.933	1.159	0.817	1.159	1:19	1.612	1.551	1.687	1.828
	BARC		n at 32° ea-level.	inch.	29.802	29-466	30-010	29-785	29-714	30.000	30.101	29-966	29-711	29-690	29-846	80-048	29-945
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		18			JANUARY	FEBRUARY	MARCH	APRIL	MAY.	DONE	<b>XTO</b> C	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	
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#### TABLE XII.

## BIRTHS, DEATHS, AND MARRIAGES IN 1885,

AND

VACCINATIONS IN 1884;

IN SCOTLAND,

ITS DIVISIONS, COUNTIES, AND REGISTRATION DISTRICTS.

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BIRTHS, D	DEATHS,	AND	MAR	RIAG	E	N 1885,	5, AN	A A	ACCI	NAT		S IN	188	4.
	REGISTRATION GROUPS.	REVISED POPULATION.	SED ATION.	BIRTHS,	HS, DEATHS, MARRIAGES, 1886.	s, and	Succ	Vac	Su Con	ible of Valu	m l	Died	before Va	Total Birt
ب	DIVISIONS, AND COUNTIÉS.	Census 1871.	Census 1831.	Births.	Deaths.	Магтівдев.	essfully cinated.	cination tponed.	mall-pox.  the ground  of  nstitutional usceptibility.	espect of the dren having ready had	the ground previous uccessful	before ination.	rom District accination, herwise inted for.	hs for 1884.
	SCOTLAND,	3,360,018	3,735,573	126110	74603	25256	112132	1964	242	0	265 1	11694	2836	129123
	GROUPS OF DISTRICTS.  SIPAL TOWNS,	1,194,480 327,734 697,460 1,008,340 132,004	1,412,350 388,797 791,250 1,012,788 130,388	52100 14265 27192 29357 3196	32839 8105 15443 16144 2072	11618 2912 5041 5159 526	46807 12742 23848 26580 2150	351 170 622 557 264	86 10 31 31 31	0000	189 32 19 4	5605 1364 2379 2114 238	1126 239 499 429 543	54164 14557 27399 29779 3224
	DIVISIONS. TERN, IREN, AND, TERN, TERN, TERN, TERN, TERN,	127,191 166,351 393,199 559,676 251,088 1,183,218 475,223 203,772	123,984 165,856 418,250 602,421 1,385,447 1,385,447 209,497	3030 4232 13708 18593 9132 53260 18215 5937	2091 2553 7058 10904 5498 32377 10347 3772	605 771 2527 3740 10754 10754 1177	2481 3055 12419 16867 7962 48347 15863 6188	264 1782 1782 309 347 281	31 8 7 4 4 1 7 2 5 2 1 1 2 5 2 1 1 2 5 2 1 1 2 1 2 1 2	0000000	1 1 13 193 16 16	185 359 1135 1698 712 5358 1731 518	110 555 65 335 335 343 343 343	3019 4249 13819 19241 9310 55364 18273 5848
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82,093 84,258	8,872 44,549 58,5883 246,298 85,097	246,049 128,550 160,924 7,918 22,235	93,345 61,116 79,661 16,966	195,305 200,908 787,005	41,379 328,138 37,755 36,382 12,218 19,651	48,241 74,842 42,087 38,662
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II. NORTH-WESTERN DIVISION. Bosh and Cremarty. Invertises. III. North-Eastern Detailor.	Naim, Caray),	Forfar, Perth, Fife, Kinross, Clackmannan,	V. WRST-MIDIAND DIVISION. Stirling. Dumbarton. Argyli, Bute, VI. South-Western Division.	Renfraw, Ayr, Lanark,	Linlithgow, Edinburgh, Haddington, Berwick, Peebles, Selkirk, VIII. SOUTHERN DIVISION.	Rozhurgh, Dumfries Kirkcudbright, Wigtown, -
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REGISTRATION   DISTRICTS,   Communications, etc.—(1) First and South Yell, etc.—(1) First and Sternes, etc.—(1) First and Sternes, (2) Whiteness and Weislah, (2) Whiteness and Weislah, (2) Whiteness and Weislah, (3) First heir, (4) Whiteness and Weislah, (5) Southers, (6) Whiteness and Weislah, (7) Southers, (8) Whiteness and Weislah, (9) First heir, (1) First heir, (2) Whiteness and Weislah, (3) First heir, (4) First heir, (4) First heir, (4) First heir, (5) First heir, (6) First heir, (7) State heir, (1) State heir, (1) State heir, (2) Whiteness and Weislah, (3) First heir, (4) First heir, (4) First heir, (5) First heir, (6) First heir, (7) First heir, (1) First heir, (1) Whiteness and Weislah, (1) First heir, (2) Whiteness and Weislah, (3) First heir, (4) First heir, (4) First heir, (5) Whiteness and Weislah, (6) First heir, (6) Whiteness and Weislah, (7) First heir, (8) First heir, (9) Whiteness and Weislah, (1) First hand Sternes, (9) First heir, (1) Walls, etc.—(1) Wa	VA	On Co	the ground of enstitutional	000000000000000000000000000000000000000	40084400000
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REVISED   BIRTHS, DEATHS   POPULATION   1985.   1881.   1881.   1881.   1881.   1881.   1882.   1882.   1882.   1883.   1833		Suc Vac	cessfully ccinated.	883426000000000000000000000000000000000000	25 111 171 272 122 123 7
REVISED   POPULATION   POPULATION   Districts   1871   1881   1871   1881   1872   1873   1874   1874   1875   1			Магтіадев.	40ra50008rasssagas5ar00	~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~
REVISED   POPULATION   POPULATION   Districts   1871   1881   1871   1881   1872   1873   1874   1874   1875   1	900	, Death Arriages 1885.	Deaths.	812822240558 8022240558 80723233455074	2918222 <b>2</b>
RECISTRATION  I. NORTHERN DIVISION.  I. SHETLAND.  Bressay, etc.—(1) Bressay.  Delting,  (2) Burra and Quarff, (2) Sandwick and Cumingsburgh, (3) Fair Isle, (2) Sandwick and Cumingsburgh, (3) Fair Isle, (4) Fouth Yell, (2) North Yell, (3) Walls, etc.—(1) Reting, (3) Whalsay and Skerries, (3) Whalsay and Skerries, (3) Whalsay and Skerries, (4) Rouls, (5) Durnasting, (5) Lunnasting, (6) Walls, (6) Walls, (7) Walls, (8) Walls, (9) Walls, (1) Walls, (2) Sandwiss, (3) Papa-Stour, (4) Fouls, (5) Papa-Stour, (5) Bressay, (6) Bressay, (6) Bressay, (6) Bressay, (7) Birsay (part of Harray and Birsay), (8) Bressay, (9) Brenues, (1) Walls, (1) Walls, (2) Walls, (3) Papa-Stour, (4) Fouls, (5) Papa-Stour, (5) Papa-Stour, (6) Papa-Stour, (7) Papa-Stour, (8) Papa-Stour, (9) Papa-Stour, (1) Perness, (2) Sandwiss, (3) Papa-Stour, (4) Fouls, (5) Papa-Stour, (5) Papa-Stour, (6) Papa-Stour, (7) Papa-Stour, (8) Papa-Stour, (9) Papa-Stour, (1) Perness, (1) Papa-Stour, (2) Papa-Stour, (3) Papa-Stour, (4) Fouls, (5) Papa-Stour, (5) Papa-Stour, (6) Papa-Stour, (7) Papa-Stour, (8) Papa-Stour, (8) Papa-Stour, (8) Papa-Stour, (9) Papa-Stour, (1) Papa-Stour, (1) Papa-Stour, (1) Papa-Stour, (2) Papa-Stour, (3) Papa-Stour, (4) Papa-Stour, (5) Papa-Stour, (5) Papa-Stour, (6) Papa-Stour, (6) Papa-Stour, (7) Papa-Stour, (8) Papa-Stour, (8) Papa-Stour, (9) Papa-Stour, (1) Papa-Stour, (2) Papa-Stour, (3) Papa-Stour, (4) Papa-Stour, (5) Papa-Stour, (6) Papa-Stour, (6) Papa-Stour, (6) Papa-Stour, (6) Papa-Stour, (6) Papa-Stour, (7) Papa-Stour, (8) Papa-Stour, (8) Papa-Stour, (8) Papa-Stour, (8) Papa-Stour, (8) Papa-Stour, (9)	- Carrette	M M	Births.	222422 10222 102222222222222222222222222	23 22 23 25 25 25 25 25 25 25 25 25 25 25 25 25
I. NORTHERN DIVISION.  I. SHETLAND.  Bressay, etc.—(1) Bressay, Delting, Delting, (2) Burra and Quarff, (3) Fair Isle, Fetlar, etc.—(1) Dunrossness, (3) Fair Isle, Kilar, etc.—(1) Fetlar, (2) North Yell, Nesting, etc.—(1) Nesting, Northmavine, (3) Whalsay and Skerries, Northmavine, (3) Whalsay and Skerries, (2) Lunnasting, (3) Whalsay and Skerries, (4) Foula, Tingwall, etc.—(1) Tingwall, Unst, Walls, etc.—(1) Whiteness and Weisdale, Unst, Walls, etc.—(1) Whiteness and Weisdale, Unst, Walls, etc.—(1) Whiteness and Weisdale, Unst, Walls, etc.—(1) Whiteness and Weisdale, Unst, Walls, etc.—(1) Whiteness and Weisdale, Unst, Walls, etc.—(1) Whiteness, (3) Papa-Stour, (4) Foula, Evis and Farnay and Birray), Deerness, Birsay (part of Harray and Birray), Holm and Paplay		SED ATION.	Census 1881.	850 918 1854 1864 1864 2206 2214 4772 1708 821 1708 8316 732 1484 901 1166 575 577 277 2702 2702 2702 2702 2702 27	1581 887 887 887 1381 1382 746 1090 603 4801 547 1015
Bressay, etc Delting, - Dunrossness, S. San (3) Fair (3) Fair, etc LERWICK, - Mid and Sour Northmavine Sondsting and Rer Firth and Rer Firth and Rer Firth and Pher Walls, etc Unst, - Walls, etc Walls, etc Walls, etc  Birsay (part Unst, - Walls, etc  Walls, etc  Walls, etc  Birsay (part Walls, etc  Walls, etc  Walls, etc		REVI POPUL	Census 1871.	902 952 1962 1970 2236 226 517 683 868 822 8602 2806 1442 1142 1152 646 2780 2780 2780 2780 2780 2780 2780 2780	1597 863 905 1340 1434 727 727 935 631 4261 639 1040
No. of District.		REGISTRATION	DISTRICTS	I. NORTHERN DIVISION.  1. SHETLAND.  1. Bressay, etc.—(1) Bressay,  2. Burra and Quarff,  2. Burra and Quarff,  2. Sandwick and Cunningsburgh,  3. Fair Isle;  Fetlar, etc.—(1) Fetlar,  IERWICK,—  Mid and South Yell,  Nesting, etc.—(1) Nesting,  (2) Lunnasting,  (3) Whalsay and Skerries,  Sandsting and Aithsting,  Sandsting and Aithsting,  Tingwall, etc.—(1) Tingwall,  (2) Whiteness and Weisdale,  (3) Whales etc.—(2) Whiteness and Weisdale,  (4) Papa-Stour,  (5) Papa-Stour,  (6) Papa-Stour,  (7) Papa-Stour,  (8) Papa-Stour,  (9) Papa-Stour,  (10) Papa-Stour,  (11) Papa-Stour,  (12) Fapa-Stour,  (13) Papa-Stour,  (14) Foula,‡.	, p
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Sandayok, Sandayok, Sandayok, Sandayok, South Ronaldshay and Burray, Stromess, Stromes, Stromes, Walls, etc.—(1) Walls, Westray, etc.—(2) Flotta,	Bower, Canisbuy, Canisbuy, Dunnet, Halkirk, Keiss, Latheron, Oirig, Reny, Thurso, Watten,	Assynt—(1) Kirkton,  Clyne,  Creich—(1) Bonar,  DORN OCH,  Donness,  Eddrachillis—(1) Kirkton,  Farr—(1) Kirkton,  Golspic,  Kildonan,  Lairs,  Longue,  Tongue,	II. NORTH-WESTERN DIVISION.  5. Ross And Cromarty.  Mainland.  Applecross—(1) Applecross, (2) Shielduig,
ay and Burray,  Walls, Flotta, (1) Westray, (2) Papa-Westray, (2) Carrayses		irkton, coer, mar, sehall, (1) Scounie, tton, tty, tty,	5. Ross And Cromarty.  Mainland.  Napplecross, (2) Shieldaig.
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	Die	d before cination.	*	
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VACCINATIONS, 1884	Insusceptible of Vaccine Disease.	respect of the ildren having lready had Small-pox.	000000000000000000000000000000000000000	
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d N V		Marriages.	40111111111111111111111111111111111111	
DEAMIS	BIRIHS, DEATHS, MARRIAGES. 1885.	Deaths.	జంచిజిని సిక్కుల చెన్నకుల చెప్పులు చెప్పులు చెప్పులు చెప్పులు చెప్పులు చెప్పులు చెప్పులు చెప్పులు చెప్పులు చెప మార్గాలు చెప్పులు చెప్పులు చెప్పులు చెప్పులు చెప్పులు చెప్పులు చెప్పులు చెప్పులు చెప్పులు చెప్పులు చెప్పులు చెప	
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	REGISTRA FION	) DISTRICTS.		
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+ The Returns from the remote Island of St Kilda are received with so much irregularity that they only appear in the Detailed Annual Reports.

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s, AND	Marriages.	8x0x14x4/51x20x11221222
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Total Births for 1884   WARRIAGORS   Warring										VA	TANTO	21 PNOT	720		
Removed from District before Vaccination, or otherwise unaccounted for.   Died before Vaccination.				_	BIRTH	3, DEA'TH	IS, AND			V.	CCINAT	IONS, IS	284.		
d from District Vaccination, otherwise counted for.  ed before ccination.  In the ground of previous Successful Vaccination.  The ground of previous Successful Vaccination.  The ground of previous Successful Vaccination.  The ground of previous Successful Vaccination.  The ground of previous Successful Vaccination.  The ground of previous Successful Vaccination.  The ground of organization of the ground of previous Successful Vaccination.  The ground of organization of the ground of previous Successful Vaccination of the ground of onstitutional susceptibility.  The ground of organization of the ground of the gr	REVISED POPULATION.	REVISED POPULATION.	ISED ATION.		X	ÁRRIAGE <b>1885.</b>	ž.	Suc Va	Va	Insursoce O	Disease.	Vaccine	Di Va	before or	Total E
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361       124       27       0 <td>VL SOUTH-WESTERN DIVISION. 21. RENFREW. ABBEY—(1) Burghal (nerged in 573), (2) Landward (nerged in (2) Landward (2) Landward (3) Johnstons and Elderslie, (3) Johnstons and Elderslie, 7231</td> <td></td> <td>11488</td> <td></td> <td>413</td> <td>233 201</td> <td>102</td> <td>400 314</td> <td>∞ ∞</td> <td>08</td> <td>00</td> <td><b>89</b> 89</td> <td>88</td> <td>Ø 19</td> <td>450 854</td>	VL SOUTH-WESTERN DIVISION. 21. RENFREW. ABBEY—(1) Burghal (nerged in 573), (2) Landward (nerged in (2) Landward (2) Landward (3) Johnstons and Elderslie, (3) Johnstons and Elderslie, 7231		11488		413	233 201	102	400 314	∞ ∞	08	00	<b>89</b> 89	88	Ø 19	450 854
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+ Prior to 1885 the Registration District of Lugar was included in that of Auchinieck. \* Prior to 1886 the Registration Districts of Burby and Newton Mearns were included in that of Mearns.

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## APPENDIX.

## VACCINATIONS,

## EXTRACTS FROM THE REGISTRARS' NOTES RELATIVE TO THE WORKING OF THE VACCINATION ACT.

#### I. NORTHERN DIVISION.

#### 1. SHETLAND

8. NORTHMAVINE.—The 11 yet unvaccinated were not brought forward when the Vaccinator went his rounds, either because they were suf-fering from Hooping Cough, then epidemic, or their parents were affald of infection. 12. (3) PAPA STOUR.—The Vaccinator has not visited the district, for the purpose of vaccina-

tion, during the past year.

## 4. SUTHERLAND.

48. DURNESS. — The postponements were chiefly on account of constitutional debility of the children, as manifested by eruptions over their heads and bodies.

## IL NORTH-WESTERN DIVISION.

## 5. Ross and Cromarty.

## Mainlynd.

66. (2) SOUTHERN DISTRICT OF GAIRLOCH. Vaccination most creditably attended to by the Medical Officer and the parents. It is no small praise for the district to be absolutely free from defaulters.

75. (1) LOCHBBOOM.—Vaccination remarkably well attended to, considering that the poor people have half-a-crown to pay for the opera-tion, and often to travel great and difficult journeys to the Vaccinator. Surely when vaccination is compulsory it should be gratuitous. The trouble is enough without the expense, especially in cases where the payment is a matter of great consideration,

## 6. INVERNESS.

## · Mainland. · · · · ·

90b. ALVIE, -Vaccinations fairly well up, and generally parents exhibit a desire to meet the law.

97. (1) GLENELG.—It will be seen from the Return that the Act continues to work satis-

factorily.
97. (3) NORTH MORAR.—During the last half of the year the Vaccinator twice made the circuit of the district for the purpose of vaccination, and the Registrar has every reason to believe that all children have been successfully vaccinated, although some of the certificates are withheld till paid for.
10B. KIRKHILL.—Vaccination schedules diffi-

sult to get in. Many parents have to be warned several times before complying with the require-

ments of the Act.

104. LAGGAN.—The parents of the child whose vaccination is still outstanding, being hawkers, are sometimes very difficult to get at.

109. Bracadale.—The parish has been for a considerable time without a resident Vaccinator; it is understood, however, that some of those included in col. 7 are vaccinated, though the certificates have not yet been transmitted.
111. (2) SOUTH HARRIS.—Vaccination is not

111. (2) SOUTH MARIE.—Vaccination is not so specessfully carried on as it might, but the Registrar is not able to say whose fault it is.
113. NORTH UIST.—Hooping Cough was in the parish for fifteen or sixteen months, but has how disappeared.
119. STRATH.—So many being unaccounted for its cript to the frequent charge of Maried.

for is owing to the frequent change of Medical Officers. The parish is divided into six Vacci-nation Districts, but the weather having been so very boisterous since the appointment of the present Medical Officer, he did not consider it safe to invite parents or guardians, with their children, to meet him at any of the centres.

## III. NORTH-EASTERN DIVISION.

## 7. NAIRN.

122. CAWDOR.—Vaccination well attended to. It has been suggested to parents to have the operation performed ere teething begins, and as a result there have been fewer postponementa.

## 8. Elgin (or Moray).

136. NEW SPYNIE.—The entry unaccounted for is of the child of a vagrant, which was born in the Poorhouse, and subsequently lost trace of.

#### 10. ABERDEEN.

173. AUCHTERLESS.—The case unaccounted for is that of a tramp's child, which is reported to be dead. Its mother may yet be found, however, and a certificate obtained.

186. Culsamond.—Vaccination Act still requires particular attention on the part of the

Registrar.

241. STRICHEN. — As reported on previous occasions, the Vaccination Act has always been found to operate admirably in this parish. it is believed, is chiefly owing to the excellent arrangements originally made, and still continued, by the Vaccinator.

#### IV. RAST MIDLAND DIVISION.

#### 13. PERTH.

330. AUGHTERGAVEN. — There is sometimes unnecessary delay on the part of the Vaccinator, but no unwillingness on the part of parents. In almost every case there is a Medical Officer to attend the birth, and to him the parents look for attending to vaccination.

344. Dowally. - Two certificates for 1884 have not yet been received by the Registrar, neglect on the part of the Vaccinator being

stated as the cause of the delay.

#### 14. FIFE.

411. BURNTISLAND. - A mining village recently established in connection with a mineral oil work, and containing about 200 families, gives trouble in regard to vaccination. The population is somewhat migratory, and it is difficult on that account to get hold of the vaccination particulars.

#### V. WEST-MIDLAND DIVISION.

## 19. ARGYLL.

#### Mainland.

517. (2) DALAVICH.—The two cases of post-conement were on account of weak health, The children, who were twins, are now improv-The other two left the district some time ago, but the parent of one of them is still com-municated with.

#### Insular.

548. SALEN.—Owing to delay in the appointment of a Medical Officer for this District, during the latter part of 1884 and the first five months of 1885, no vaccinations were effected, and a few of the parents still persist in throwing obstacles and delay in the way of vaccination.

551. (2) COLL.—The large number of vaccina-

tions still postponed is on account of the pre-

vailing cold weather, and from a desire to let the children get stronger before the operation is performed.

#### 20. Bute.

555. KINGARTH.—The number of removals is above the average, on account of the workmen at Lord Bute's new mansion having now to seek work elsewhere.

#### VI. SOUTH-WESTERN DIVISION.

#### 21. RENFREW.

568. (1) KILBARCHAN.—The case entered as "insusceptible," is the first that has occurred during the last ten years. The only difficulty is caused by the carelessness of parents.

#### 22. AYR.

583. COYLTON. The number of cases entered in col. "Removed from District," is exceptionally large, on account of the partial stoppage of Merry & Cunninghame's Works at Rankinston. Some of the workmen went to America, and others could not be traced. All the cases of this

class belong to Rankinston.
597. KILMARNOCK.—There is a disposition on the part of parents to comply with the requirements of the Act, although there is occasional

grumbling on the part of some.
607. MUIRKIRK.—The Vaccination Act is well attended to in this parish. Occasionally the Registrar has a little difficulty in getting in the certificates. The Medical men decline to give up the certificates until their fees are paid; and there is sometimes a little delay between the parents and the Medical Officers on that account.

## VII. SOUTH-EASTERN DIVISION.

#### 27. BERWICK.

743. GREENLAW.—The Act works on the whole very well. At the suggestion of the Vaccinator, the Registrar has issued during last year Schedule "A" as well as Schedule "D" to the parent, and by this arrangement the Schedules come in with much greater regularity; but in the Registrar's opinion, much better results would be secured if the legal period for vaccination were reduced from six months to three, because the bulk of postponements arises from the fact, that between three and six months the health of children is affected by teething.

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# CONSTITUTION OF THE DISTRICTS DISTINGUISHED IN THE PRECEDING TABLES BY AN ASTERISK (\*).

No.	Districts.	Component Posts (Parishes)
		Component Parts (Parishes).
14	Deerness	Part of St Andrews. Part of Stronsay and Eday.
22	North Ronaldshay	Part of Cross and Burness.
37b	Sanday Keiss	Lady, and part of Cross and Burness
58	Keiss	Parts of Canisbay and Wick. (1) Part of Applecross; (2) Rest of Applecross and part of Gairloch.
595 715		Parts of Contin, Fodderty, and Urray.
866	Carloway	Parts of Contin, Fodderty, and Urray. Parts of Lochs and Uig.
87 112	Lochs .	Parts of Lochs and Uig.
185	Elgin	(1) Part of Kilmuir; (2) Rest of Kilmuir and part of Snizort Elgin, and parts of New Spynie and St Andrews-Lhanbryde.
152	Enzie	Parts of Beille and Rathven.
1556 167	Carloway Lochs Kilmuir Eigin Enzie Glenrinnes Seafield	Parts of Aberlour and Mortlach. Parts of Cullen and Rathven.
2105	Kinninmonth	Parts of Crimond, Longside, Lonmay, Old Deer, and Strichen.
217 222b	Logie Coldstone and Cromar	Parts of Crimond, Longside, Lonmay, Old Deer, and Strichen. Logic Coldstone, and part of Glenmulck, Tullich, and Glengairn.
2276	Millbrex New Pitaligo' Savoch Strathdon Ythan Wells	Parts of Fyvie and Monquhitter.  Parts of Aberdour, New Deer, Strichen, and Tyrie.
237b 240	Savoch	Parts of Aberdour, New Deer, Strichen, and Tyrie. Parts of Ellon, New Deer, Old Deer, and Tarves. Strathdon, and part of Tarland.
2496	Ythan Wells	Parts of Auchterless and Forgue.
272 282		Arbroath, and part of St Vigeans.
294	Dundee Kettins Kinnettles	Dundee, and part of Liff, Benvie, and Invergowrie. Kettins and part of Scone.
297 824	Kinnettles	Kinnettles and part of Caputh. Parts of Dull, Fortingall, Kenmore, Logieralt, and Weem.
831	Aberfeldy	Balguhidder, and part of Comrie
844 349	Dowally Dunkeld	Part of Dunkeld and Dowally.
855a	Fortingall	Parts of Caputh and of Dunkeld and Dowally.  (1) Parts of Fortingall and Weem; (2) Part of Fortingall.
8556	Foss Kenmore	Part of Dull,
360 361	Kenmore	Parts of Kenmore and Weem. Parts of Kenmore, Killin, and Weem.
367	Kinloch-Rannoch	Parts of Fortingall and Logierait.
875 879	Logicalmond	Parts of Fowlis-Wester, Little Dunkeld, Methyen, Monzie, and Redgorton.  Meigle, and part of Coupar-Angus.  Kinloch, and Rattray.
8866	Persie	Meigle, and part of Coupar-Angus.  [Kinloch, and Rattray.  Parts of Alyth, Bendochy, Blairgowrie, Caputh, Kirkmichael, Lethendy and
387 8935	Persie	Parts of Alyth, Bendochy, Blairgowrie, Caputh, Kirkmichael, Lethendy and Perth, and parts of Kinnoull, Scone, and Tibbermore
8946	Stanley Strathfilan Tenandry	Parts of Auchtergaven, Kinclaven, and Redgorton. Part of Killin.
894c	Tenandry Anstruther-Easter	Parts of Blair-Athol, Dull, and Moulin.
417	Crail	Anstruther-Easter and part of Klirenny. Part of Crail and May Island.
428	Dunbog	Dunbog, and parts of Abdie and Flisk.
425	Dunino	Parts of Dunfermline and Inverkeithing Dunino and part of Crail.
482 442	Inverkeithing	Parts of Inverkeithing and Dunfermline.
4816	Kirkcaldy and Abbotshall. Grangemouth	Kirkcaldy, Abbotshall, and part of Kinghorn. Parts of Bothkennar, Falkirk, and Polmont.
490 493	Stirling	Stirling, and part of St Ninians.
496	Bonhili	Bonhill, and part of Dumbarton. Parts of Cardross and Dumbarton.
506 509	Ballachulish, etc.	Part of Kilmalie.
513	Cumlodden and Minard . Inveraray	Parts of Glassary and Glenaray. Inversary and part of Glenaray.
515	Kilbrandon and Kilchattan	Kilbrandon and Kilchattan, and part of Jura. for Kilchrenen and Delevich.
517 526	Kilchrenan	(1) Parts of Kilchrenan and Dalavich, and of Glenorchy and Inishail; (2) Rest Parts of Glassary and South Knapdale.
529	Muckairn	Parts of Ardchattan and Muckairn, and of Glenorchy and Inishail.
535 536	Tarbert	Parts of Kilcalmonell and Kilberry, of Saddell and Skipness, and of South
542	Kilfinichen and Kilvickeon	Parts of Kilfinichen and Kilvickeon, and of Torosay.
543 545	Kiniochenelvie	Part of Kilarrow and Kilmeny. Part of Torosay.
547	Kilmeny Kinlochspelvie Portnahaver.	Part of Kilchoman.
548 549	Tohermore	Parts of Kilninian and Kilmore, and of Torosay, Part of Kilninian and Kilmore.
656	Lochranza	Parts of Kilbride and of Kilmory.
557 572	Notin Bute .	North Bute, and part of Rothesay.
578	Paialey	(1) Part of Neilston; (2) Rest of Neilston and part of Abbey.  High, Middle, and Low Church Parishes, and parts of Abbey and of Renfrey.
576 578	Ardrossan	High, Middle, and Low Church Parishes, and parts of Abbey and of Renfrew.  (1) Parts of Ardrossan and of West Kilbride; (2) Rest of Ardrossan.  Ayr, and parts of Newton-upon-Ayr, and of St Quivox.
5845	Ayr	Ayr, and parts of Newton-upon-Ayr, and of St Quivox.  Parts of Kirkmichael, Kirkuswald, and Maybole.
595 612	Irvine	I Irvine, and part of Dundonaid.
6265	St Quivox, etc	Parts of Newton-upon-Ayr, and St Quivox.  Parts of Cambusnethan and Shotts.
644 670	Glasgow	City of Glasgow, including Gorbals and parts of Barony and Govan
684	Queensferry	Queensferry, and part of Dalmeny.  Parts of Duddingston and South Leith. [ton, and North Leith and South Leith.
685	Edinburgh	City of Edinburgh, Canongate, and parts of St Cuthberts, Duddingston, Liber-
690 692	Kirknewton & East Calder Leith	Kirknewton and East Calder, and part of Kirkliston.  (1) Parts of Cramond, North Leith, and St Cuthberts; (2) Parts of North
	GA-LL-11	Leith, St Cuthberts, and South Leith.
698b	Stobhill	Parts of Borthwick, Cockpen, Newbattle, and Temple
7766	Ladhopa	Parts of Galashiels, Seikirk, Yarrow, Innerleithen, and Stow.  Part of Melrose.
7876 784	Edgerston	Parts of Jedburgh, Oxnam, and Southdean.
8135	Kirktown	Kirktown and part of Cavers.  Parts of Annau, Cummertrees, and Hoddom.
8838 8678	Wanlockhead	Part of Sanguhar.
863	Bargrennan Corsockbridge	Parts of Minnigaff (Kirkendbright) and of Penninghame (Wigtown). Parts of Balmaciellan, Kirkpatrick-Durham, and Parton.
864	Dalbeattie	Part of Urr.
899	Stranger	Strangaer, and parts of Inch and Leswalt.

LIST of REGISTRATION DISTRICTS which include BURGHS, or TOWNS of 2000 Inhabitants, and upwards, or parts thereof, bearing a different name from the Districts in which they are situated.

No.	Registration	Dist	ricts.		-	Burghs.			Towns.
80	Rosemarkie			-	* Fortrose.				
130	Drainie -	-	•	-			-	-	*Lossiemouth.
155a <sup>2</sup> 164	Macduff - Rathven -	-	:	:	Banff.				*Buckie.
167	Seafield -		-	- 1	Cullen.	-			Ducare,
211	Kinnellar -		-	-	Kintore.				
213	Kintore -			-	Inverurie.				
511 53	Banchory-Deve Benholm -	nick	-	:	Aberdeen. Inverbervie.				
55	Dunnottar				inverbervie.		-		Stonehaven.
581	Fetteresso	-	-	-		-		-	Do.
62	Kinneff, etc.	-	-	-	Inverbervie.				
74 80	Barry - Craig -	-	-	:	Montrose.		-		Carnoustie.
82 4	St Andrews (Dr	inde	e)	-	Montrose.	-	-		Broughty-Ferry.
10	Monifieth -			-		-		-	Do.
16	Panbride -	-	-	-			-	-	Carnoustie.
71	Lecropt - Logie -		:	-	Stirling.	-	:	-	Bridge of Allan. Do.
85	Muckhart -		-	- 1	Suring.		-		Dollar.
86 a	Muthill -	-	-	-			-		Crieff.
89	Rattray - Abdie -	-	-	-			-	-	Blairgowrie.
00		-	-	:		-	:		Suburban of Newburg's
05	Auchterderran Ballingry -			-	: :				Lochgelly. Do.
10	Beath -		-	-	1	-	-	-	Cowdenbeath.
31	Beath - Forgan -	-		-			-		Newport.
36	Kilconguhar		-	-	* Earlsferry.	Post			
56	Kilrenny - Scoonie - Wemyss -	-	-	:	Anstruther-		1	_	*Leven.
59	Wemyss -	-		-	: :	-	-	-	Buckhaven.
66	Clackmannan	-	-	-			-	-	Alloa.
75	Campsie -			-		-	-	-	*Lennoxtown.
78	Dunipace -	-	-	-		-	-		Denny.
85	Larbert - St Ninians-			:		-	:	-	Stenhousemuir. Bannockburn.
93	Bonhill -			-			-		*Alexandria.
94	Cardross -	-	-	-		-	-	-	*Renton.
00	New or East Ki					-	-	-	*Milngavie.
08	Row				• 01		-	-	*Helensburgh.
23 59 3	Kilmore and K Abbey -				* Oban.	_			Johnstone.
									(Busby.
60	Cathcart -			-		-	-	-	(Suburban of Glasgow (Crosshil).
62		-	-	-	2	-	-	-	*Pollokshaws and Thornliebank.
64	Greenock, East	-	:	:	Port-Glasgo	w.			P-sh-
71 76 1	Mearns - Old Ardrossan			-	: :		-		Busby. Saltcoats.
77				-		-	-	-	Cumnock.
93	Galston -	-	-	-		-	-	-	Newmilns.
97	Galston - Kilmarnock Londoun - Riccarton -	-		-		-	-	-	Hurlford.
03 11	Riccarton - Sorn -	-	-	:	Kilmarnock		:	-	Galston and Newmilns. Hurlford.
13	Sorn -			-			-	-	*Catrine.
15	Stevenston Avondale -		-	-		-	-		Saltcoats.
21	Avondale -		-	-		-	-		*Strathaven. [Possilpark
221	Maryhill -	-	-			-	-	-	Suburban of Glasgow (Maryhill an Suburban of Glasgow (Shettleston an
22 2	Shettleston					-	-	-	part of Tollcross).
22 2	Shettleston	-	-	-		-	-	-	Tollcross.
24	Blantyre - Bothwell -					-	-	-	Stonefield.
25 1	Bothwell -	-	-	-		-	-	-	*Bellshill, Uddingston and Mossend.
28	Cambusnethan			:		:		-	*Newmains and Wishaw.
39	Dalziel - East Kilbride			-	: :	:	-	-	Motherwell. Busby. [Polmadie
4411				n)	1 1	-	-	-	Suburban of Glasgow (Govanhill ar
	Glasgow (Gorb							_	(Suburban of Glasgow (Govanhill, Pollockshields, and Strathbungo).
17.0	amogon (Gorn	(614			-	-		_	Pollockshields, and Strathbungo).
4414	G'asgow (Kinn	ing I	Park)	-		-	-	-	(Suburban of Glasgow (Pollockshields, Strathbungo, and Kinning Park)
	Govan -	-	-			-		-	Suburban of Glasgow (Govan). Thead
462		-		-		-	-	-	Suburban of Glasgow (Govan). [head Suburban of Glasgow (Partick and Hi
47	Hamilton -	-	-	-		-	-	-	Larkhall and Motherwell.
51 2		d (La	indw	ird)		-	-		Suburban of Airdrie.
52	Old Monkland (1) Western	Diet	rict			-			Bailliestone, and Tollcross.
	(2) Middle D	istri	ct	-	1 :		-	-	Coatbridge and Roschall.
	(3) Eastern	Distr	ict	-				-	Do. do.
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64	Carriden -	-	•	-					Borrowstounness,
72 73 2	Uphall - Fauldhouse		:	:	: :	:			Broxburn. *Crofthead.
76	Cockpen -								Bonnyrigg.
89	Inveresk -	-		-	*Musselburg	h.			
91	Lasswade -	-	-	-		-	-		Penicuik, Loanhead.
27	Ayton -	-	-	-	0.1- 1.1	•	-	-	Eyemouth.
776 b	Ladhope - Wilton -		:	-	Galashiels.				
810 813 b				-	Hawick.				
820	Dryfesdale				Annan.		-		Lockerbie.
863	Crossmichael	-	-	-		-			Castle-Douglas.
868	Kells	-	-	-	*New Gallor	way.	-		Costle Dang's
869 876	Kelton - Minnigaff -	-		:		•	-		Castle-Douglas. Newton-Stewart.
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					Do.				
882	Troqueer -								

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<sup>\*</sup> The actual number of Districts is 1038—many Parishes and Burghs having been divided into two or more Districts for the puppose or Registration. Thus Edinburgh and Glasgow, to each of which only a single number is assigned in the Tables, coulst of 5 and 14 Districts respectively. In forming the alphabetical arrangement the principle adopted has been to plate compound names in the order in widon they are pronounced.

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Larkhall, 638	Marykirk, .	265	Newton Mearns,		Ratho, .	698	Seafield, .	16 <b>7</b> 778
Lasswade, . 691		808	Newtyle,	314		164	Selkirk,	28
Latheron, 38	Mauchline,	604	Nigg (Kincard.),	200	Rattray, .	889	Shapinshay,	622
Lauder, . 748	Maxton,	798	Nigg (Ross),	78	Rayne,	286 40	Shettleston,. Shieldaig, .	58
Laurencekirk, 263 Leadhills, 635		605 571	North Berwick, North Bute,	6 TO	Redgorton,	390		655
Lecropt, 871	Mearns, .	765	North Harris,	111	Renfrew,	575	Skene, .	238
Legerwood, 749		379	North Knapdale,	530	Remick	879	Skipness, .	531
Leith, 692		799	North Leith,	692	Rescobie,	317	Skirling, .	769
Leochel-Cushnie 214		309	Northmavine,	8	Resolis,	79	Slains,	239
Lerwick, . 5		751	North Morar,	97	Rhynd,	891	Slamannan, .	489
Leslie (Aberd'n), 215		221	North Ronaldsha	v.22	Rhynie,	237	Sleat,	115
Leslie (Fife), 444		880	North Ronaldsha North Uist,	118	Riccarton, .	611	Sleat, Smailholm,	805
Lesmahagow, 649	Mid-Calder,	694	North Yell, .	4	Roberton, .	777	Small Isles, .	116
Leswalt, 891	Middlebie, .	841	•		Rosehall,	55		117
Lethendy, 872	Midmar,	222	Oa,	546	Rosehall,	46	Sorbie, .	897 618
Lethnot and	Mid & So. Yell,	6	Oathlaw,		Rosemarkie,	80	Sorn,	806
Navar, . 800		222	Oban, Ochiltree,	<i>5</i> 23	Roseneath, .	502	Southdean, Southend,	532
Louchars, . 445	Milton, .	AME .	Commence,	308	Rosskeen, .	01	1	

South Harris, 11	1   Stranger, .	899	Tenandry, .	394	Tweedsmuir,	772	Wemyss, .	541
South Knapdale, 53		119	Terregles,	880	Twynholm,	883	West Calder.	709
South Leith. 69		491	Teviothead.	809	m	852	Westerkirk.	854
South Ronald-	Strathdon, .	240	Thurso, .	41	(Thomas	551	West Kilbride,	620
		394		395			Wood Kilbride,	
shay & Burray, 2			Tibbermore,		Tyrie,	248	West Linton,	773
South Uist, 11		384	Tillicoultry,	468			Westray,	33
Speymouth, 14			Tingwall,	10	Udny, .	249	Westruther,	756
Spott, . 72		457	Tinwald, .	894	Uig,	89	Whalsay and	
Sprouston, 80		71	Tobermory,	549	Unst,	11	Skerries, .	7
Stair 61	4 Strathy,	50	Tomintoul,.	160	Uphall, .	672	Whitburn, .	678
Stanley, . 39	3 Strichen.	241	Tongland,	881	Urquhart (El-		Whitekirk and	
Stenscholl . 11	2 Stromness.	80	Tongue, .	56	gin),	144	Tynninghame	.723
Stenton, . 72		81	Torosay,	550	Urquhart (In-		Whiteness and	,
Stevenston, . 61		505	Torphichen,	671	verness), .	107	Weisdale,	10
Stewarton, . 61		755	Torryburn	458	Urquhart and		Whithorn, .	900
Stirling. 49			Torthorwald,	850	Logie-Wester	. 84	Whitsome, .	757
Stitchell, . 80	8 Symington	• ••	Tough.	244	Urr, .	884	Whittinghame,	724
Stobhill . 69	8 (Lanark),	657	Towie,	245	Urray,	85	Wick,	43
Stobo. 77			Tradeston, .	644			Wigtown,	901
	4		Tranent, .	722	Walls (Shetland	1.12	Wilton,	810
Stonehouse, 65		82	Traquair,	771	Walls (Orkney)	"32	Wiston and Ro-	
Stoneykirk, 89		821	Trinity-Gask,	396	Walston,	658	berton,	660
	8 Tarbat.	83	Troon.	590	Wamphray,	853	ж. ж.	000
Stow, 69		535	Troqueer,	882	Wandell and	000		
Stracathro, 82		619	Tulliallan.	397	Lamington.	659	Yarrow, .	770
		242	Tullynessle and	001	Wanlockhead,	853		779
		243		246				
Strachur, 58			Forbes,		Waternish,	110	ford),	725
Straiton, 61		822	Tundergarth,	851	Watten, .	42	Yetholm,	811
Stralechlan 58	4 Temple,	700	Turriff,	247	Weem, .	2598	Ythan Wells	249

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# THIRTY-FIRST ANNUAL REPORT

## REGISTRAR-GENERAL

# BIRTHS, DEATHS, AND MARRIAGES

REGISTERED IN

## SCOTLAND

YEAR 1885;

# TWENTY-FIRST ANNUAL REPORT

## VACCINATION.

Presented to both Houses of Parliament by Command of Her Majesty.



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ANNUAL REPORT

OF THE

REGISTRAR-GENERAL

ON THE

# BIRTHS, DEATHS, AND MARRIAGES

REGISTERED IN

## SCOTLAND

DURING THE

YEAR 1886;

AND

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1887.

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## REPORT.

TO THE MOST HON.

## THE MARQUESS OF LOTHIAN, K.T.

Her Majesty's Secretary for Scotland.

GENERAL REGISTRY OFFICE OF BIRTHS, Etc., Edinburgh, 24th March 1887.

My Lord,

I have now the honour to submit to you, in accordance with the requirements of the Scottish Registration Act (17 and 18 Vict. cap. 80), a General Abstract of the Births, Deaths, and Marriages registered in Scotland during the year 1886, drawn up in the usual form, with a view to its being laid before Parliament.

I have likewise the honour to submit to you, in accordance with Section 19 of the Vaccination Act (26 & 27 Vict. cap. 108), the Twenty-second Annual Report on Vaccination, which includes all the usual details relative to children whose Births were registered in Scotland during the year 1885.

## Report of the Registrar-General to the Secretary of State.

б

But Eight deaths from Small-pox were recorded in the Registers of Eight of the Principal Towns of Scotland, during the year under review.

I have the honour to be,

My Lord,

Your most obedient Servant,

STAIR AGNEW,

Registrar-General.

# REPORT TO THE REGISTRAR-GENERAL

## BY R. J. BLAIR CUNYNGHAME, M.D., F.R.S.E.

SIR,

I have herewith the honour to submit the Report containing all the usual details regarding the Births, Deaths, and Marriages registered during the year 1886, in the 1,047 Registration Districts of Scotland. Appended to the General Report is the Twenty-second Report on Vaccination in which is contained all the available information regarding the administration of the Scottish Vaccination Act, and especially in relation to the vaccination of children born in Scotland during 1885.

The population of Scotland estimated to the middle of 1886 was 3,949,393 persons, calculated as usual upon the assumption that the yearly rate of increase of both sexes found to occur between the census enumerations of 1871 and 1881, has since the latter date remained the

During 1886 the births registered number 127,927, the deaths 73,622, and the marriages 24,469; being in the proportion of 3.24 births, 1.86 deaths, and 0.62 marriages in every hundred of the above estimated population. When these numbers are compared with the like data for recent years as seen on Tables I. and II. it is found that the birth-rate

Table I.—Population estimated to the middle of each year, with the Number of Births, Deaths, and
Marriages registered in Scotland during each of the Years 1855 to 1886, and their Proportion to
the Population; also the Excess of Births over Deaths, the Number of Illegitimate Births, and
their Proportion to the Total Births.

YEAR	Estimated Population.	BIRT	THS.	DEATHS.	MAR- RIAGES.	Excess of Births	Percer	tage to Po	pulation.	Per cent of Illeg.
	I opulation.	Total.	Illegit.		RIAGES.	over Deaths.	Births.	Deaths.	Marriages.	to Total Births.
1855	2,978,065	93,349	7,357	62,004	19,680	31,345	3.1491	2.0820	0.6608	7.8
1856	2,995,771	101,821	8,695	58,529	20,740	43,292	3.3988	1.9537	0.6923	8.5
1857	3,012,310	103,415	8,869	61,906	21,369	41,509	3.4331	2.0551	0.7094	8.5
1858	3,027,665	104,018	9,354	63,539	19,655	40,479	3.4356	2.0986	0.6492	8.9
1859	3,041,812	106,543	9,715	61,714	21,201	44,829	3.5026	2.0288	0.6969	9.1
1860	3,054,738	105,629	9,736	68,170	21,225	37,359	3.5578	2.2316	0.6948	9.2
1861	3,069,404	107,009	9,929	62,341	20,896	44,668	3.4863	2.0310	0.6808	9.2
1862	3,097,009	107,069	10,376	67,195	20,597	39,874	3.4572	2.1697	0.6651	9.7
1863	3,126,879	109,341	10,948	71,481	22,234	37,860	3.4968	2.2860	0.7160	10.0
1864	3,156,021	112,333	11.197	74,416	22,725	37,917	3.5594	2.3579	0.7200	9.9
1865	3,185,437	113,070	11,262	70.891	23,611	42,179	3.5496	2.2255	0.7412	9.9
1866	3,215,129	113,667	11,673	71,348	23,688	42,319	3.5354	2.2191	0.7367	10.2
1867	3,245,098	114,044	11,148	69,067	22,618	44,976	3.5063	2.1284	0.6970	9.7
1868	3,275,350	115,514	11,354	69,416	21,855	46,098	3.5267	2.1193	0.6673	9.8
1869	3,305,885	113,354	11,066	75,875	22,144	37,479	3.4288	2.2951	0.6698	9.7
1870	3,336,707	115,390	11,108	74,165	23,854	41,225	3.4582	2.2227	0.7149	9.6
1871	3,368,921	116,128	11,077	74,712	24,019	41,416	3.4470	2.2177	0.7130	9.5
1872	3,404,798	118,765	10,927	75,794	25,641	42,971	3.4882	2.2261	0.7531	9.2
1873	3,441,056	119,700	10,925	76,946	26,748	42,754	3.4786	2.2361	0.7773	9.1
1874	3,477,704	123,711	10,991	80,720	26,390	42,991	3.5573	2.3211	0.7588	8.9
1875	3,514,744	123,578	10,786	81,767	25,974	41,811	3.5160	2.3264	0.7390	8.73
1876	3,552,183	126,534	11,029	74,129	26,579	52,405	3.5621	2.0869	0.7482	8.72
1877	3,590,022	126,822	10,568	73,937	25,817	52,885	3.5326	2.0595	0.7191	8.33
1878	3,628,268	126,773	10,641	76,793	24,358	49,980	3.4940	2.1165	0.6713	8-39
1879	3,665,443	125,730	10,727	73,347	23,519	52,383	3.4301	2.0010	0.6416	8.53
1880	3,705,995	124,570	10,589	75,803	24,505	48,767	3.3613	2.0454	0.6612	8.50
1881	3,745,485	126,171	10,484	72,325	26,004	53,846	3-3686	1.9310	0.6943	8.31
1882	3,785,400	126,158	10,546	72,989	26,596	53,169	3.3328	1.9282	0.7026	8.36
1883	3,825,744	124,458	10,114	76,891	26,869	47,567	3.2532	2.0098	0.7023	8.13
1884	3,866,521	129,157	10,439	75,168	26,106	53,989	3.3404	1.9441	0.6752	8.12
1885	3,907,736	126,110	10,668	74,603	25,256	51,507	3.2272	1.9091	0.6463	8.46
1886	3,949,393	127,927	10,503	73,622	24,469	54,305	3-2391	1.8641	0-6196	8.21

is higher than that for last year, which was the lowest reported since 1855, the death-rate is still lower than that for 1885, the lowest then on record, the marriage-rate being also under that for last year which was also the lowest we know of.

The excess of births over deaths is 54,305.

Ì	eć	Per	512		9.80	7	8·17 1·63 0·56	6	81.95 81.42	œ	862	3.1 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0
	1886.	No.	\$1880 \$0616 6229	898	38381 18555 6091	47°7	31608 16263 5612	6.79	61069 18288 6657	8.17	3949393	137937 78633 24469
Ī	Mean		888 888	882	3-58 2-06 0-60	98	8-81 1-76 0-61	¥.99	8-28 1-96 0-76	41.3		<b>8</b> 88 866
tion,		Per	5.45 5.45 5.45 5.45 5.45 5.45 5.45 5.45	2	3.83 1-98 0-65	9	3-17 1-62 0-68	٥	3:30 1:83 0-63	60	88	8-28 1-91 0-65
opula	1885.	No.	3-21,30678 1-99,31986 0-70 6408°	118	3-52-39404 1-9618793 0-69 6363	<b>47°</b> ·6	8-82 31274 1-81 15981 0-59 5679	0.79	8-30 31564 2-0317893 0-72 6906	£0.9	8807788	74608 74608 95256
the Finch	J.	Per	25 61.5 6.75 6.75	60	3.52 1-95 0-69	7	3.83		9,00	8	123	1.94
n to 1886	1884.	No.	8-3319115 9-3319115 0-69 6679	£0.0¥	8-40 <b>23</b> 897 2-1418751 0-71 6678	7-89	8-1982294 1-7917555 0-62 5729	9.99	1961 9707 6980	41.8	8866521	8-25129041 2-01 75128 0-70 26061
ortic to to	ai.	Per	8 8 8 8 8 8 8 8 9	8	8.45 0.717	8	8:13 0:43 0:62	٥	8-1781961 1-8619707 0-79 6980		2	8:25 2-01 0-70
r Pro	1863.	No.	8-34-31342 1-9622912 0-70 6530	383	8-5383420 1-9420386 0-70 6814	9-87	3-22 80087 1-77 16437 0-63 5890	65°-0	8-24 30168 9-0617982 0-78 7691	43.1	8825744	24469 76867 26865
thei Yea		Per	3.3	2	3:52	70	9.13	,	\$ 5 E		8	3-88 1-98 0-70
of th	1882.	No.	\$-84,81906 \$-80,18265 0-70 6589	432	\$-5733346 1-9118293 0-66 6609	P.87	3-30,90718 1-65,16896 0-61 5967	9.99	8-2780919 1-8619629 0-79 7419	40-3	8785400	2-57 126182 1-95 77966 0-69 26574
cotlar	1.	Per cent.	9 8 9 0 7 8 8 5	64	3.57 1.91 0.66	io.	3:30 1:65 0-61	63	8:27 0:36 0:79	4	3	126214 8-57 1: 72801 1-98 25949 0-69
sh da	1881.	No.	8-4080860 9-2521384 0-65 6483	882	8-6733351 2-1417889 0-67 6208	2.85	3-2431158 1-8315603 0-58 5787	64.2	3-15-30845 1-9617526 0-73 7470	43.7	8746485	8-36 126214 3-04 72801 0-66 25946
riage ng ea	-	Per cent.	8 4 5 5 4 5		9.49		0.18	Ţ	3:15 0:19 0:79	•	\$	8 5 8 8 5 8 8 5 8 8 5 8
II.—Number of Births, Deaths, and Marriages in Scotland and their Proportion to the Popul estimated to the middle of each year, during each Quarter of the Years 1876 to 1886 inclusive.	1880.	No.	31319 20751 6006	80.08	83827 19711 6224	967	80179 17047 5500	67*-1	8-75 29697 1-89 18284 0-71 6769	30.3	8706996	124652 75796 24489
year	3	Per cent.	9 % 48 0 % 48	60	\$-61 2-05 0-66		3.1.0 3.2.5	-	3-26 1-89 0-71	-	3	352
Death each	1879.	No.	3-4931368 2-2721960 0-68 6628	84°-3	3-7282968 2-1518784 0-67 6050	<b>46</b> %	9-46 21436 1-9015115 0-80 5061	2	3-8650064 3-1417480 0-78 6628	₹.0 <del>+</del>	366443	8-49126736 9-12 73329 0-67 28462
ths, 1	ø	Per cent.	94.5		1	ļ.,	41.8 6.99 6.90	yo.		91	898	8-49 9-12 0-67
of Bir e mid	1878.	Ä.	8-53 31226 2-82 20320 0-67 6068	899	8-73 23629 2-19 19514 0-75 6095	33	8-49 21286 1-76 17344 0-63 6506	87*-8	8-4530616 1-9619597 0-82 6662	392	8628268	8-68-126707 9-06-76775 0-72-24383
to th	7.	Per cent.	0.89	وا	8-18 9-18 0-75	۰	1-76 0-68			<b>6</b> 0	283	8.68 9.06 0.72
-Nun	1877.	No.	8-6481256 2-4120625 0-75 5977	288.	8-74 83356 2-1819586 0-78 6735	47.5	8-45 20088 1-8415819 0-86 5684	25.0	8-49 51225 1-9117816 0-84 7884	42.8	3690022	8-57126894 8-56 73946 0-75 25790
. II.		Per cent.	8 4 9 9 4 1 9 1 1 9 1 9	٠	8.74 9.18 0.73	54		9	\$ 3.5 8.1 8.1 8.1 8.1 8.1 8.1 8.1 8.1 8.1 8.1	٠	88	8-57 8-08 0-75
TABLE II.—Number of Births, Deaths, and Marrisges in Scotland and their Proportion to the Population, estimated to the middle of each year, during each Quarter of the Years 1876 to 1886 inclusive.	1876.	No.	32388 21294 6663	87.9	33088 19270 6459	49°-2	16465 6885	0.98	30638 17093 7546	9.25	8662189	126749 74122 26663
		Property of the same		Meen Temperat.	SECOND QUARTER. Births, Deaths, Marriages,	Mean Temperat.	Third Quarter. Sored. Burbs. Sored. Deaths	Mean Temperat.	FOURTH QUARTER. Births, 30638 Desths, 1798 Mariages, 1546	Mean Temperat.	YBAR. Population	Births, Deaths, Marriages

## BIRTHS.

127,927 births were registered throughout Scotland during the year 1886, being in the proportion of 3.24 per cent. or 324 for every ten thousand of estimated population. Tables IV. and V. show the numbers of infants born, and the percentage to the population in each of the Registration Districts into which the whole country is divided. 52,338 of the whole births occurred in the Principal Town districts, equivalent to 3.40 in every hundred of the population residing therein, the male children numbering 26,905 and the female 25,433; in the Large Town districts the total number is 15,214, or in the proportion of 3.60 per cent. of the inhabitants, the males being 7,847 and the females 7,367; in the Small Town districts the natal events are 27,618, or 3.28 per cent. to the population, males 14,321, females 13,297; in the Mainland Rural districts the whole number is 29,495, equal to 2.89 per cent. of the population, males 15,185, females 14,310; and in the Insular-Rural districts they are 3,262 i.e. in the ratio of 2.52 per cent. to the inhabitants of the same, the males being 1,696, the females 1,566. These proportions indicate the highest birth-rate to have been in the Large Town districts, followed by that in the Principal Town and Small Town districts, that in the Mainland Rural exceeding the same in the Insular-Rural districts.

Of the total births 10,503 are illegitimate, a smaller number than last year, being equivalent to 8.2 per cent. of the whole. As usual this rate varies considerably in the different districts, being lowest in the Insular-Rural, where it is 6.4 per cent.; in the Large Town districts it is 6.5 per cent.; in the Principal Town districts it is 7.7 per cent.; in the Small Town districts it is 8.3 per cent.; and in the Mainland Rural

districts it is 10.1 per cent.

Table VI. shows the varying relative frequency of illegitimate births as occurring in the various divisions or groups of counties into which Scotland is divided, and in each county separately. Among the former, the North-Eastern is highest, showing a percentage rate of 143, the Southern being next with 136, the lowest being the South-Western in which it is 66, the West Midland 64, and North-Western 59. In the counties the rate varies from 46 per cent., in Sutherland and Ross and

Table III.—Births, Deaths, and Marriages in each of the Eight Divisions of Scotland during the Year 1886, and their Proportion to the Estimated Population.

_		Population estimated	BIR	THS.	DEA	THS.	MARR	IAGES.
Divisions.		to middle of 1886.	Number.	Per cent. to Pop.	Number.	Per cent. to Pop.	Number.	Per cent. to Pop.
Northern .		122,897	8,066	2.50	1,908	1.28	57 <b>5</b>	0.47
North-Western		165,697	4,881	2-61	2,703	1.63	681	0-41
North-Eastern		481,872	14,047	8-26	6,792	1.57	2,476	0.57
East-Midland .		625,148	18,481	2:96	10,757	1.72	3,579	0-57
West-Midland.		802,788	9,842	8-08	5,296	1.75	1,555	0.21
South-Western		1,501,249	54,004	8.60	81,498	2-10	10,340	0.69
South-Eastern .		588,116	18,520	8-15	10,940	1.86	4,115	0.70
Southern .	•	212,681	6,186	2.88	8,728	175	1,148	0.24

Cromarty, to 16.6 per cent. in Wigtown. In 10 counties the rate is over 10 per cent.; that in Dumfries being 14.0 per cent.; in Nairn 14.1 per cent.; in Elgin 14.8 per cent.; in Kirkcudbright 15.1 per cent.; in Banff 16.1 per cent.; and in Wigtown 16.6 per cent.

Table IV.—Births, Illegitimate Births, Deaths and Marriages in the Five Registration Groups of Town, Rural, and Insular Districts in Scotland in 1886.

REGISTRATION		tion estimated			BIRTH	8.	BIRTHS.	D	BATH	3.	A0B.
GROUPS OF DISTRICTS.	Males.	Females	Both Sexes.	Males.	Fem.	Both Sexes.	35	Males.	Fem.	Both Sexes.	дачд
Principal Town Districts	781,975	804,942	1,536,917	26,905	25,488	52,338	4,021	15,960	16,251	33,281	11,072
Large Town Districts .	207,202	915,807	428,009	7,847	7,867	15,214	1988	4,184	4,954	8,438	2,746
Small Town Districts .	407,265	433,536	840,821	14,821	18,297	27,618	2,292	7,447	7,703	15,150	4,798
Mainland-Rural Districts	504,908	514,785	1,019,088	15,185	14,810	29,495	2,994	7,852	7,968	15,815	4,881
Insular-Rural Districts	61,252	68,306	129,558	1,696	1,566	8,963	208	971	1,017	1,968	477
SCOTLAND	1,911, <del>9</del> 97	2,037,896	8,949,308	65,954	61,973	127,927	10,503	96,494	<b>37,</b> 188	78,6 <b>2</b> 2	24,469

Table V.—Percentage of Births, Deaths, and Marriages to the Population, distinguishing the Sexes;
Percentage of Illegitimate to the Total Births, and Proportion of Boys to Girls at Birth, in the
Five Groups of Registration Districts in 1886.

		Perce	ntage to	Populati	on in 1885	i.		of Ille-	Boys
REGISTRATION GROUPS OF DISTRICTS.		BIRTHS.			DEATHS.		4686.	유용권	tion of 100 Birth.
	Males.	Females.	Both Sexes.	Males.	Females.	Both Sexes.	ЖАЖ	Percent gitimet B	Proportion of 1 to every 100 C
Principal Town Districts	8.67	8.16	8-40	2.18	2.02	<b>3</b> -10	0.75	7.7	105-8
Large Town Districts .	8:79	8:41	8-60	3-03	1-97	1-99	0-65	6.2	106-5
Small Town Districts .	8-52	8-07	3-28	1.88	1.77	1.80	0.87	8-8	107.7
Mainland-Rural Districts	8-01	278	2-69	1.56	1.55	1.22	0-48	10-1	106·1
Insular-Rural Districts	2-77	2-29	2.52	1.28	1.49	1.53	0.87	6-4	108-3
SCOTLAND	3-45	<b>8-04</b>	8-24	1.90	1.83	. 1.86	0-62	8-2	106-4

Table VI.—Proportion of Illegitimate to every 100 Births in Scotland, its Divisions and Counties, in 1886.

Divisions.	Percent. of Illegit.	Counties.	Percent. of Illegit.	Counties.	Per cent. of Illogit.	Counties.	Per cent. of Illegit.
SCOTLAND.  NORTHERE DIVISION. NORTH-WESTERN DO. NORTH-KASTERN DO. RAST-MIDLAND DO. SOUTH-KASTERN DO. SOUTH-EASTERN DO. SOUTH-EASTERN DO. SOUTHERN DO.	8·2 7·8 5·9 14·8 8·5 6·4 6·6 7·6 13·6	Shetland . Orkney Caithness . Sutherland . Ross & Cromarty Inverness . Naira	5·1 6·5 12·3 4·6 4·6 7·1 14·1 14·8 16·1 14·1 12·3	Forfar	7·8 6·7	Lanark Linlithgow Edinburgh Haddington Berwick Peebles Selkirk Roxburgh Dumfries Kirkcudbright Wigtown	6-6 7-5 7-5 6-5 11-3 8-4 7-0 9-8 14-0 15-1 16-6

Of the whole 127,927 children born during the year, 65,954 were of the male, and 61,973 of the female sex; so that for every 100 girls born there were 1064 boys. The proportion of male to female births was highest in the Insular-Rural districts and lowest in the Principal Town districts.

Births were registered in largest numbers in April, when they were at the rate of 376 per diem, followed by March with 370 daily, June with 366, May with 359, July with 355, February with 349, October with 344, January with 343, September and November each with 338, August with 337, and lastly December with 330, as a daily rate.

## DEATHS.

The number of deaths registered throughout Scotland during the year was 73,622 which is in the proportion of 1.86 per cent. or 186 in every ten thousand of population as estimated, being the lowest rate yet recorded. The mean average death-rate for the immediately preceding ten years is exactly 200 per ten thousand of the Inhabitants.

preceding ten years is exactly 200 per ten thousand of the Inhabitants.

The mortality rate varies in each of the five great Registration districts in accordance with their population and their aggregation, thus in the Principal Town districts it is highest and equal to 210 in each ten thousand of the population of the same; in the Large Town districts, it is 199; in the Small Town districts, it is 180; in the Mainland Rural districts, it is 155; and in the Insular-Rural districts 153 deaths occurred for each ten thousand of the inhabitants; being in all with the exception of the Large Town districts lower than last year.

The average number of daily deaths was greatest in March, being then 252, followed by December with 226, February with 219, January with 212, April with 210, May with 207, November with 201, June with 194, July with 182, August with 175, September with 171, and October

with 169.

## MARRIAGES.

24,469 marriages were registered in Scotland during the year, being at the rate of 62 in each ten thousand of the population, a still lower proportion than for last year: the mean for the last ten years is 68. As with the birth and death-rate that of the marriages varies in the different Registration Districts, being highest in the Principal Town districts; where it is at the rate of 75 per ten thousand of the inhabitants of the same; 65 in those of the Large Towns; 57 in the Small Town districts; 48 in the Mainland-Rural districts; and but 37 in the Insular-Rural districts, in every case below the like for last year.

June showed the largest number of registered marriages, followed in gradually diminishing numbers by January, December, July, November,

August, March, September, October, April, February, and May.

## EIGHT OF THE PRINCIPAL TOWNS OF SCOTLAND.

The remainder of the Report deals with eight of the Principal Towns of Scotland, the information being furnished each month by the Registrars of the same, viz., Glasgow, Edinburgh, Dundee, Aberdeen, Greenock,

Leith, Paisley, and Perth, and it is believed the statements made as to the condition of their inhabitants, and the mortality occurring among them from the various diseases, may be regarded as offering a fair estimate of the condition of the country at large.

## BIRTHS IN THESE EIGHT TOWNS.

44,114 births were registered in these Eight Towns during 1886, being at the rate of 343 per ten thousand of their estimated population. The highest rate is indicated in Glasgow, the lowest in Edinburgh. In the former city the rate is equal to 380 per ten thousand of its inhabitants, closely followed by Paisley with 379, Aberdeen coming next with 346, then Greenock with 334, Leith with 324, Dundee with 311, Perth with 296, and Edinburgh with 292.

3665 of these children are born out of wedlock, equivalent to 8:31 per cent. of the whole. This rate is highest in Aberdeen, where they form 11:5 per cent. of the total; followed by Dundee with 10:2 per cent.; Perth with 9:4 per cent.; Edinburgh with 8:4 per cent.; Glasgow with 8:0 per cent.; Greenock with 5:9 per cent.; Paisley with 5:6 per cent.; and Leith with 5:5 per cent. Another Column of Table VIII. gives the percentage of illegitimate children to possible mothers, i.e., unmarried females and widows between 15 and 45 years of age, which is seen to be in Aberdeen 2:79; in Glasgow 2:32; in Greenock 1:96; in Perth 1:92; in Dundee 1:89; in Leith 1:69; in Edinburgh 1:47; and in Paisley 1:39.

22,687 of the children born in these Eight Towns are of the male sex, and 21,427 of the female, the proportion of boys to girls being therefore as 105.8 is to 100.

## DEATHS IN THESE EIGHT TOWNS.

The registered Deaths in these Towns during the year amounted to 27,524, being in the proportion of 214 in each ten thousand of their estimated population; 13,594 are of the male, and 13,930 of the female sex.

Table VIII. indicates that in Glasgow the like ratio of Deaths to its computed population is 251; in Paisley it is 227; in Aberdeen it is 194; in Edinburgh it is 192; in Dundee and Perth it is 183; in Leith it is 176; and in Greenock 173.

On comparing these figures with the corresponding on Table IX. it is seen that in the cases of Glasgow, Dundee, Greenock, and Paisley, the death-rate for 1886 is below that for 1885, in the other Towns the reverse holds; and also that in each Town the rate for the present year is below that of the mean for the preceding ten years.

Table X. is drawn up to give some information as to the mortality among young children, i.e., under 5 years of age, in the same towns. One column shows the percentage of deaths among the children of this age for each Town, and in the next is the percentage of Deaths as compared with the total Deaths. Thus in Glasgow, out of the number of children under 5 years of age, estimated to be alive, 78 in each thousand succumbed to one or other form of disease; in Paisley the proportion was 60; in Edinburgh it was 56; in Dundee it was 51; in Leith it was 50; in Aberdeen it was 49; in Greenock it was 43; and in

Perth 36. Of every hundred deaths registered at the same ages, but to the total deaths, 43.0 occurred in Leith; 42.7 in Glasgow; 37.4 in Dundee; 36.6 in Greenock; 35.5 in Edinburgh; 35.4 in Paisley; 34.8 in Aberdeen; and 24.2 in Perth.

Table VII.—Births, Deaths, and Marriages, and their Proportion to the Population, in the Principal Town Districts of Scotland, during each of the Years 1855-1886.

	Population	BIR	тнѕ.	DE	ATHS.	MARE	IAGES.
Yrans.	estimated to the middle of each year.	Number.	Per cent. to Population.	Number.	Per cent. to Population.	Number.	Per cent. to Population.
1855	827,558	28,113	8-39	22,706	2.74	6,937	0.84
1856	837.540	81,719	8.78	22,254	2.65	7.507	0.89
1857	847,522	82,674	8.85	23,368	2.75	7,476	0.88
1858	857,504	32,568	8.79	23,445	2.73	6,865	0.80
1859	867,486	83,027	8.80	22.852	2.56	7.554	0.87
1860	877,468	82,958	875	26,066	2.97	7,688	0.87
1861	889,188	84,351	8.86	23,149	2.60	7.758	0.87
1862	906.042	84,486	8.80	24,960	2.76	7.724	0.85
1863	928,276	85,888	8.88	27.045	2.98	8,544	0.85
1864	940,840	87,058	8-94	28,845	8.07	8.897	0.93
1865	958,731	88,109	8-97	28.515	2-90	9,847	0.94
1866	976,986	88,541	3.94	27,466	2-81	9,458	0-96
1867	995,583	89,012	8-96	26,519	2.69	8,870	0.90
1868	1,014,586	89,492	3.89	28,037	2.76	8,589	0.86
1869	1,038,858	89,517	8.82	81,467	8.04	9,156	0.88
1870	1,058,542	40,452	8.83	28,508	270	9,788	0.92
1871	1,081,558	40,442	874	81,426	2.91	9,819	0.91
1872	1,093,440	41,678	8.81	80,199	276	10,427	0.95
1873	1,105,452	41,500	875	80,008	2.71	10,594	0.96
1874	1,117,596	42,631	8.81	82,124	2.87	10,574	0.95
1875	1,129,874	48,621	8.86	80,983	274	10,670	0.94
1876	1,142,287	44,265	8.87	27,977	245	10,722	0.94
1877	1,154,836	44,575	8.86	28,227	2.44	10,706	0.98
1878	1,167,524	44,829	8.80	29,425	2.52	9,727	0.88
1879	1,180,541	43,613	8-69	27,144	2.80	9,490	0.80
1880	1,193,820	42,903	8.60	28,873	2.42	9,763	0.83
1881	1,206,057	42,909	8.26	27,248	2.26	10,496	0.87
1882	1,219,586	48,549	8.57	27,759	2-28	10,758	0.88
1883	1,464,201	52,143	3.26	85,311	2.41	13,114	0.89
1884	1,490,648	54,242	3.64	84,281	2.29	12,256	0.83
1885	1,511,795	52,100	8.44	32,889	2.17	11,618	0.77
1886	1,536,917	52,838	8.40	82,281	2-10	11,572	0.75
Ī			1	<u> </u>		<u> </u>	

Table VIII.—Births, Deaths, and Marriages, and their Proportion to the Population, during the Year 1886, in each of the following Principal Towns of Scotland; Estimated Number of Unmarried Women and Widows between 15 and 45 years of age; also the Illegitimate Births, and their Proportion to the Total Births, and to the Number of possible Mothers.

	Population	BIRT	THS.	Women lows and 45.	ILLE	GIT. BI	RTHS.	DEA	THS.	MARRIAGES.	
Towns.	estimated to the middle of 1886.	Num- ber.	Per cent. to Pop.	Unmarried Won and Widows between 15 and	Num- ber.	Per cent. to Total Births.	Percentage to Possible Mothers.	Num- ber.	Per cent. to Pop.	Num- ber.	Per cent. to Pop.
Glasgow	521,999	19,862	8-80	68,854	1595	8-0	2-89	18,099	2.51	4478	0-86
Edinburgh	254,591	7,440	2.92	42,721	628	8.4	1.47	4,882	1-92	2213	0.87
Dundee	155,389	4,835	8-11	26,124	495	10-2	1.89	2,847	1.83	946	0.61
Aberdeen	115,217	8,989	8.46	16,467	459	11.5	2.79	2,231	1.94	861	0.75
Greenock	74,795	2,500	8.84	7,499	147	5-9	1.96	1,291	178	482	0.28
Leith	70,829	2,277	8-24	7,466	126	5.2	1.69	1,236	1.76	466	0.08
Painley	59,955	2,271	8-79	9,147	127	5-6	1.89	1,859	2-27	498	0.83
Perth	81,702	940	2-96	4,591	88	9-4	1.92	579	1.88	239	0.75

Tables XI. and XII. exhibit the rate of mortality due to various classes of disease, and to the more important special causes of death in each of the Eight Towns, such rate being calculated in the former Table with reference to the estimated population, and in the latter with reference to the total deaths from all causes, allowance being made

in all cases for the causes of death not precisely specified.

The percentage of deaths from Zymotic diseases was 0.264 on the total estimated population of the towns collectively, being 12.31 per cent. of the total registered deaths. Such causes proved fatal to 0.356 per cent. of the population of Glasgow, to 0.276 per cent. of that of Paisley; to 0.232 per cent. of that of Leith; to 0.229 per cent. of that of Aberdeen; to 0.209 per cent. of that of Edinburgh; to 0.173 per cent. of that of Dundee; to 0.154 per cent. of that of Perth; and to 0.120 per cent. of that of Greenock. The corresponding percentages of deaths from Zymotics to the total deaths were 14.18 in Glasgow; 13.19 in Leith; 12.16 in Paisley; 11.84 in Aberdeen; 10.89 in Edinburgh; 9.44 in Dundee; 8.42 in Perth; and 6.95 in Greenock.

In Glasgow, 5.48 per cent. of all the deaths is due to Hooping-cough; 2.74 per cent. to Scarlet Fever; 2.09 per cent. to Diarrhea; 0.96 per cent. to Fevers, (0.69 per cent. being Enteric or Typhoid), 0.76 per cent. to

Measles; and 0.74 per cent. to Diphtheria,

In Edinburgh, 3:49 per cent. of the total mortality is due to Measles; 2:03 per cent. to Diarrhea; 1:21 per cent. to Hooping-cough; 1:09 per cent. to Diphtheria; 0:92 per cent. to Scarlet Fever; 0:88 per cent. to Fevers, (0:78 per cent. being Enteric.)

Table IX.—Percentage of Deaths to the Population in each of Eight of the Principal Towns of Scotland during each of the Years 1876-1886.

Tow				Percentage of Deaths to the Population.											
10₩	AB.		1876.	1877.	1878.	1879.	1880.	1881.	1882.	1883.	1884.	1885.	Mose of Ten Tenn	188	
Glasgow Edinburgh Dundee . Aberdeen Greenock Leith . Paisley . Perth .	:	:	 2.74 2.06 2.83 2.10 2.49 2.19 2.47 2.28	2·74 2·15 2·26 2·09 2·38 2·12 2·51 2·17	2·79 2·24 2·82 2·20 2·88 2·14 2·97 2·22	2·46 1·99 2·29 2·09 2·86 1·98 2·75 2·25	2·61 2·19 2·46 2·00 2·87 2·30 2·59 2·28	2·52 2·01 2·07 1·94 2·19 2·08 2·28 2·15	2·54 1·96 2·10 2·08 2·25 1·86 2·57 2·85	2-82 1-92 2-89 1-91 2-80 2-08 2-42 1-91	9-69 1-97 2-07 2-20 2-05 1-88 2-59 1-97	2-50 1-83 2-01 1-79 2-10 1-68 2-49 1-73	2-65 2-03 2-28 2-04 2-20 2-20 2-25 2-13	261 192 163 194 176 176 297 168	

Table X.—Deaths of Children under Five Years of age in each of Eight of the Principal Towns of Scotland during the Year 1886.

	To	W708.				Estimated Number of Living Children under 5 years in 1886.	Deaths under 5 years of age.	Percentage of Deaths under 5 years.	Percentage of Deaths under 5 years to the Total Deaths.
Glasgow Edinburgh Dundee . Aberdeen Greenock Leith . Paialey . Perth .	:	:	:	:	:	71,511 31,229 20,753 15,848 11,091 10,580 8,087 8,945	5,594 1,786 1,064 777 479 582 481 140	7·82 5·56 5·13 4·90 4·25 5·03 5·96	42-7 85-5 87-4 84-8 86-6 43-0 85-4 24-2

In Dundee, Diarrheal affections cause the highest proportional mortality, 4.89 per cent. of all the deaths being due to them, 1.51 per cent. is due to Scarlet Fever; 0.67 per cent. to Diphtheria; 0.60 per cent. to Fevers, (0.46 per cent. being Typhoid, and 0.14 per cent. Typhus), while but 0.28 per cent. is due to Hooping-cough, and 0.03 per cent. to Measles.

In Aberdeen, 3.69 per cent. of the total deaths is due to Diarrhœa; 2.74 per cent. to Hooping-cough; 1.21 per cent. to Scarlet Fever; 0.90 per cent. to Diphtheria; 0.67 per cent. to Fevers, (0.63 per cent. being Typhoid), 0.49 per cent. falling to Measles.

In Greenock, 2.42 per cent. of the mortality occurs from Diarrheeal affections, 1.33 per cent. from Fevers, (0.78 per cent. being Typhus, and 0.47 per cent. Typhoid), 0.78 per cent. from Diphtheria; 0.39 per cent. from Hooping-cough; 0.23 per cent. from Scarlet Fever; and 0.08 per cent. from Measles.

In Leith, 5.05 per cent. is due to Measles; 3.09 per cent. to Diarrhoea; 0.97 per cent. to Fevers, (0.49 per cent. being to Typhus, and 0.32 per cent. to Typhoid), 0.65 per cent. to Scarlet Fever, and 0.49 per cent. to Hooping-cough and Diphtheria.

In Paisley, 4:57 per cent. is due to Diarrhea; 2:28 per cent. to Fevers, (1:91 per cent. being Enteric; 0:22 per cent. Simple or ill-defined,

Table XI.—Percentage of Deaths from different Diseases to the Population in each of Eight o the Principal Towns of Scotland during the Year 1886, allowing for the Causes not specified.

Diseases causing Death.	Total Eight Towns.	Glasgow.	Edinburgh.	Dundee.	Aberdeen.	Greenock.	Leith.	Paisley.	Perth.
TOTAL DEATHS	2.144	2.536	1.917	1.832	1.936	1.726	1.757	2-267	1.826
Zymotic Constitutional Developmental Nervous System Organs of Circulation Respiratory Organs Organs of Digestion Urinary Organs Violent Deaths	0°264 0°419 0°153 0°269 0°155 0°486 0°147 0°043 0°068	0·356 0·484 0·136 0·300 0·154 0·625 0·172 0·048 0·073	0·209 0·388 0·158 0·247 0·176 0·397 0·120 0·052 0·067	0·173 0·366 0·150 0·228 0·138 0·415 0·119 0·030 0·059	0·229 0·360 0·223 0·241 0·166 0·349 0·147 0·043 0·062	0·120 0·321 0·129 0·240 0·133 0·409 0·120 0·031 0·066	0·232 0·369 0·152 0·229 0·119 0·331 0·126 0·029 0·064	0·276 0·463 0·175 0·307 0·147 0·474 0·190 0·032 0·055	0·154 0·346 0·166 0·311 0·179 0·327 0·131 0·051 0·098
Small-pox Measles Scarlet Fever Hooping-cough Diphtheria All Fevers, viz., Typhus Enteric Relapsing Cerebro-Spinal Simple or Ill-defined Simple Cholera Diarrhœa and Dysentery Cancer Phthisis Dev. Dis, of Children Age Apoplexy Paralysis Convulsions Croup Bronchitis Pneumonia Dentition All Liver Diseases Dropsy	0-001 0-027 0-039 0-068 0-016 0-021 0-004 0-015 0-000 0-000 0-000 0-001 0-058 0-247 0-070 0-083 0-057 0-041 0-067 0-077 0-077 0-078 0-077	0-000 0-019 0-069 0-069 0-024 0-005 0-017 0-000 0-000 0-000 0-000 0-000 0-005 0-050 0-050 0-050 0-050 0-058 0-044 0-334 0-334 0-237 0-021 0-030 0-001	0-001 0-067 0-178 0-023 0-021 0-017 0-002 0-015 0-000 0-000 0-000 0-000 0-009 0-082 0-198 0-053 0-057 0-049 0-049 0-049 0-049 0-015 0-015 0-015 0-017 0-028 0-195 0-015 0-017 0-028 0-195 0-015 0-	0-000 0-001 0-028 0-005 0-011 0-003 0-008 0-000 0-000 0-000 0-001 0-090 0-057 0-223 0-077 0-053 0-033 0-038 0-237 0-148 0-008	0-001 0-10 0-023 0-053 0-017 0-001 0-001 0-001 0-001 0-001 0-001 0-001 0-001 0-001 0-001 0-001 0-001 0-001 0-004 0-203 0-005 0-0	0.000 0.001 0.004 0.007 0.013 0.023 0.013 0.008 0.000 0.000 0.000 0.000 0.001 0.042 0.051 0.042 0.046 0.046 0.046 0.043 0.044 0.043	0-003 0-089 0-011 0-009 0-009 0-017 0-009 0-006 0-000 0-001 0-000 0-053 0-196 0-053 0-054 0-053 0-054 0-053 0-054 0-053 0-054 0-053 0-054 0-053 0-054 0-053 0-054 0-053 0-054 0-053 0-054 0-053 0-054 0-053 0-054 0-053 0-054 0-054 0-055 0-	0-000 0-007 0-030 0-037 0-013 0-052 0-003 0-043 0-043 0-000 0-000 0-000 0-000 0-005 0-005 0-055 0-055 0-102 0-030 0-027 0-309 0-107 0-075 0-015	0-000 0-003 0-001 0-006 0-026 0-003 0-005 0-000 0-000 0-000 0-003 0-026 0-234 0-038 0-048 0-048 0-049 0-0122 0-048 0-048 0-048 0-049 0-048 0-049 0-048 0-049 0-048 0-049

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and 0.15 per cent. to Typhus), 1.62 per cent. to Hooping-cough; 1.33 per cent. to Scarlet Fever; 0.59 per cent. to Diphtheria; and 0.29 per cent. to Measles.

In Perth, Diarrheal Affections cause 3.33 per cent. of all the Deaths. Fevers, 1 40 per cent. (1 05 per cent. being Typhoid, and 0 17 per cent., each to Typhus and Cerebro-Spinal), 0.53 per cent. to Hooping-cough; 0.35 per cent. to Diphtheria; and 0.17 per cent. to Measles.

In the whole Group of Eight Towns, the following is the mortality ascribed to the more important specific febrile diseases which were registered during the year. From Hooping-cough 874 exits occurred, which is at the rate of 3.20 per cent. of the total registered mortality, and in the proportion of 68 in each ten thousand of their inhabitants. Diarrhoea and Dysentery together cause 741 deaths, which is equal to 2.71 per cent. of the total, a mortality rate of 5.8 per ten thousand of population. Scarlet Fever caused 499 deaths, or 1.83 per cent. of all, and equal to nearly 4 for each ten thousand of population. Measles caused 348 deaths, or 1.27 per cent. of all, equal to 2.7 per ten thousand.

Fevers caused 267 deaths, or 0.98 per cent. of all, equal to a deathrate of 21 per ten thousand of population. Of these Typhus caused 54 exits, and Typhoid or Enteric 197, most of the former being in Glasgow, Greenock, and Leith, the latter, in Glasgow, Edinburgh, and Paisley.

Table XII.—Percentage of Deaths from different Diseases to the Total Deaths in each of Eight of the Principal Towns of Scotland during the Year 1886, allowing for the Causes of Death not specified.

DISEASES CAUSING DEATH.	Total Eight Towns.	Glasgow.	Edinburgh.	Dundee.	Aberdeen.	Greenock.	Leith.	Paisley.	Perth.
Zymotic Constitutional Developmental Nervous System Organs of Circulation Respiratory Organs Organs of Digestion Urinary Organs Violent Deaths	12·31 19·57 7·15 12·54 7·22 22·68 6·87 2·03 3·17	14·18 19·30 5·43 11·97 6·13 24·89 6·85 1·91 2·92	10·89 20·23 8·25 12·86 9·17 20·70 6·24 2·73 3·51	9·44 19·96 8·20 12·46 7·53 22·67 6·48 1·62 3·20	11·84 18·59 11·52 12·47 8·59 18·00 7·60 2·25 3·19	6:95 18:59 7:50 13:91 7:73 23:67 6:95 1:80 3:83	13·19 21·00 8·63 13·03 6·76 18·81 7·17 1·63 3·66	12·16 20·41 7·74 13·56 6·48 20·93 8·40 1·40 2·43	8-42 18-95 9-12 17-02 9-82 17-89 7-19 2-81 5-09
Small-pox Measles Scarlet Fever Hooping-cough Diphtheria All Fevers, viz., Typhus Enteric Relapsing Cerebro-Spinal Simple or Ill-defined Simple Cholera Diarrhea and Dysentery Cancer Phthisis Dev, Dis. of Children	0.03 1.27 1.83 3.20 0.78 0.98 0.20 0.72 0.00 0.01 0.04 0.06 2.71 2.71 11.53 3.27	0·02 0·76 2·74 5·48 0·74 0·96 0·21 0·69 0·01 0·01 0·08 2·09 1·99 11·93 2·86	0.06 3.49 0.92 1.21 1.09 0.88 0.08 0.78 0.00 0.00 0.02 0.02 2.03 4.29 10.32 3.30	0.00 0.03 1.51 0.28 0.67 0.60 0.14 0.46 0.00 0.00 0.00 0.03 4.89 3.13 12.18	0.04 0.49 1.21 2.74 0.90 0.67 0.00 0.63 0.00 0.00 0.04 0.04 3.69 3.28 10.53 4.32	0.00 0.08 0.23 0.39 0.78 1.33 0.78 0.47 0.00 0.00 0.00 0.08 0.16 2.42 2.97 10.55 3.91	0·16 5·05 0·65 0·49 0·49 0·97 0·49 0·32 0·00 0·08 0·08 0·00 3·09 3·01 11·15 4·64	0.00 0.29 1.33 1.62 0.59 2.28 0.15 1.91 0.00 0.00 0.02 0.00 4.57 2.28 13.04 2.21	0.00 0.17 0.00 0.53 0.35 1.40 0.17 1.05 0.00 0.17 0.00 0.17 0.00 0.00 3.33 1.40 12.81
Age Apoplexy Paralysis Convulsions Croup Bronchitis Pneumonia Dentition All Liver Diseases Dropsy	3-88 2-67 2-66 1-93 0-88 12-45 8-00 0-93 1-25 0-41	2·57 2·22 2·31 1·90 0·94 13·30 9·46 0·83 1·20 0·52	3 30 4 94 3 00 2 56 2 17 0 90 11 88 6 28 0 78 1 27 0 29	3 93 4 22 3 24 2 89 1 79 0 46 12 96 8 10 0 77 1 34 0 46	7-20 3-19 2-92 1-84 0-85 10-49 5-40 0-72 1-39 0-18	3 59 2 66 2 50 0 86 0 62 10 86 10 00 0 70 1 48 0 70	3 99 2 93 3 01 3 26 1 47 9 85 6 11 1 06 1 14 0 16	553 243 449 133 118 1363 472 332 066 029	6:31 5:09 4:38 2:63 0:00 9:30 6.66 0:88 2:10

Diphtheria caused 214 deaths, or 0.78 per cent. of all, a death-rate of

1.6 per ten thousand.

From Small-pox 8 deaths occurred during the year, 2 in Glasgow, 3 in Edinburgh, 1 in Aberdeen, and 2 in Leith. Both of those in Glasgow were registered in January, one a female æt. 33 years, the other a male æt. 20 years. The first of the Edinburgh deaths was a female æt. 58 years, registered in March, another female æt. 17 years in April, and a boy æt. 7 years in May. The fatal case in Aberdeen was a female æt. 68, registered in December, and in Leith both deaths were registered in March, and both were males, one æt. 22 years, the other an infant of 4½ months.

The total number of these specific Zymotics grouped together is 2951, a considerable decrease over last year when they were 3364. Erysipelas

caused 101 deaths, and Syphilis 137.

Diseases of a Constitutional nature caused 5348 deaths in all, equal to 19.5 per cent. of the total mortality, or 41.9 in every ten thousand of the population. Among them, Rheumatism and Rheumatic Fever caused 137 deaths. Cancer caused 743 deaths, or 2.71 per cent. of the total mortality, and equal to 5.8 deaths in every ten thousand of the estimated population, being most marked as a cause of death in Edinburgh, Aberdeen, and Dundee. To Ascites and Dropsy 113 deaths are placed, and to Gout 5.

Phthisis accounts for 3151 exits, being 11.53 per cent. of the total mortality; and in the ratio of 24.7 in every ten thousand of population of the above eight towns,—Glasgow, Dundee, Paisley, and Perth suffering most.

Acute Hydrocephalus caused 476 deaths; Tabes Mesenterica 438;

and 263 fall to other forms of Scrofula.

From diseases of the Brain and Nervous System, the deaths were 3428, being 12.54 per cent. of the gross mortality; and 26.9 per ten thousand of estimated population. The percentage of deaths from diseases of this class was 17.02 in Perth; 13.91 in Greenock; 13.56 in Paisley; 13.03 in Leith; 12.86 in Edinburgh; 12.47 in Aberdeen; 12.46 in Dundee; and 11.97 in Glasgow. In proportion to the number of

Table XIII.—Monthly Mortality and Mean Temperature in Scotland during 1886, compared with the Mean of the Ten Years 1871–1880.

	Y	YEAR 1886.			1871-1880.	
Монтив.	Mean Temperature.	Actual Deaths.	Proportion to 12,000 per annum or 1000 per month.	Monthly Proportion of Deaths.	Mean Temperature.	
January February March April May June July August September October November December	34°-1 34°-5 37°-3 43°-1 47°-0 52°-9 56°-4 56°-2 53°-2 49°-5 42°-8 33°-0	6,570 6,133 7,813 6,314 6,432 5,809 5,646 5,422 5,195 5,287 6,043 7,008	1,071 1,000 1,274 1,029 1,048 947 920 884 847 888 985 1,142	1,154 1,061 1,138 1,044 1,040 939 921 893 834 885 949 1,122	37° 5 38° 6 40° 2 44° 2 48° 4 54° 7 57° 8 57° 8 57° 8 40° 2 87° 0	
YEAR ,	44**9	78,622	12,000	12,000	46*-9	

inhabitants they were for every ten thousand, 311 in Perth; 307 in Paisley; 300 in Glasgow; 247 in Edinburgh; 241 in Aberdeen; 240 in Grandel 200 in Leith; and 200 in Dayles

Greenock; 22.9 in Leith; and 22.8 in Dundee.

There were 1972 deaths referred to diseases of the Circulatory Organs, being 7.22 per cent. of the deaths from all causes, and 15.5 exits per ten thousand of population. Perth shows a percentage on its gross mortality of 9.82; Edinburgh follows with 9.17; Aberdeen with 8.59; Greenock with 7.73; Dundee with 7.53; Leith with 6.76; Paisley with 6.48; and Glasgow with 6.13.

To diseases of the Respiratory Organs (not including Phthisis), 6199 deaths are ascribed, being 22.68 per cent. of the gross mortality in these towns, and equal to a death-rate of 48.6 in every ten thousand of their collective population. Glasgow comes first with 24.89 per cent. of the total deaths there registered during the year being due to such diseases; followed by Greenock with 23.67 per cent.; Dundee with 22.67 per cent.; Paisley with 20.93 per cent.; Edinburgh with 20.70 per cent.; Leith with 18.81 per cent.; Aberdeen with 18.00 per cent.; and Perth with 17.89 per cent.

To Bronchitis 3402 deaths are due, or 12:45 per cent. of the total mortality, varying from 13:63 per cent. in Paisley, and 13:30 per cent. in Glasgow, to 9:85 per cent. in Leith, and 9:30 per cent. in Perth.

Pneumonia caused 2187 exits; Pleurisy 115; and Croup 240.

From diseases of the Organs of Digestion, there were 1877 deaths, being 6.87 per cent. of the total mortality, or 14.7 in every ten thousand of the inhabitants of the towns. Dentition accounts for 255 deaths; Enteritis for 318; Peritonitis for 322; and Diseases of the Liver for 341.

Diseases of the Urinary Organs caused 554 deaths, 2.03 per cent. of all, or in the proportion of 4.3 in every ten thousand of the population.

Acute Nephritis caused 105, Bright's Disease 204.

Premature Birth accounts for 777 exits; Congenital Malformations,

as Cyanosis, Spina Bifida, &c., for 75; and Old Age for 1060.

Atrophy and Debility are the causes in 894 cases, and in 194 they are unascertained or so ill-defined as to be of no use in computing the tables.

Violence ends the lives of 867 persons, equal to 3.17 per cent. of all, and to 6.8 in each ten thousand of population. 804 of the deaths are Accidental; 11 Homicidal; and 52 Suicidal. From Intemperance 72 lives are lost.

In these towns, 87 persons died during the year at 90 years of age or over, 28 being men and 59 women. One of the former had attained the age of 105 years at death, and two of the latter were also over 100 at death, both widows, one 101 and the other 102 years.

#### MARRIAGES IN THE EIGHT TOWNS.

10,133 Marriages were registered in these towns during the year, which is at the rate of 79 for each ten thousand of their computed population. The rate varies in each town, being highest in Edinburgh, where it is (Table VIII.) 87 in the like proportion, next comes Glasgow with 86; Paisley with 83; Aberdeen and Perth each with 75; Leith with 66; Dundee with 61; and Greenock with 58.

#### WEATHER AND ITS INFLUENCE ON THE MORTALITY.

The following remarks on the weather of 1886 are extracted from the Astronomer-Royal's Notes appended to our Quarterly Reports:—

The weather of January was of a very untoward kind, cold, wet, and windy; in the latter element abounding in North, as contrasted to South, wind; and in a less degree in East, as compared with West, wind.

The chief characteristics of February were coldness, paucity of rainfall, and abundance of East wind; the barometric pressure being likewise

unusually high, higher in fact than it has been since 1878.

March was chiefly characterised by its low mean temperature, with small daily range of temperature (speaking of cloudy skies), greater humidity of the air, greater rainfall, greater strength of wind than the average, and a greater proportion of Easterly and South-Easterly direction therein.

April approached the mean of former years more nearly than several preceding months. Mean temperature was still below the average, but less so than last month, so that the rise of temperature with spring was greater by more than a degree between April and March this year than is customary.

Table XIV.—Meteorology of Scotland for 1886, deduced from Observations made at 55 Stations of the Meteorological Society of Scotland, the particulars for each of the Stations having been published in the Quarterly Reports of the Registrar-General; also the Number of Births, Deaths, and Marriages registered during each Month of the Year 1886.

1886.	Jan.	Feb.	Mar.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Year.
Highest Temp. in shade Lowest Temp. in do. Mean Day Temp Mean Night Temp Daily Range	56°-6 9°-0 39°-0 29°-1	39°-2 39°-7	9°·4 49°·9 81°·7	90°0 50°5 35°7	28°-0 54°-3 29°-8	96°0 61°1 44°7	81°-0 64°-2 48°-7	89°-0 68°-5 48°-9	79°·0 96°·0 59°·5 44°·9 14°·6	74°·0 96°·0 54°·9 44°·0 10°·8	25°0 48°1 37°-5	-1°0 88°4 27°-7	-9°·0 51°·3 88°·5
Mean Temperature .	34°-1	<b>34</b> °-5	87∵3	48°·1	47*-0	52*-9	56*-4	56°-2	52°-2	49°-5	42°-8	88*-0	448
Highest Temp, in sun Lowest on grass at night	98°5 - 14°0				116~5 15~0	128°-2	1		125° 8	116~0 2 <del>0</del> *·0			
Wet-bulb Temperature Dew-point Temp. Humidity of Air Elastic force of Vapour (inches).	80°-8	83*·8 81*·3 88 ·176	35*·8 33*·6 87 ·194	40°·2 37°·1 81	44°·1 41°·0 81	49*-5 46*-1 78			49°-2 46°-7 84 -820	47°-4 45°-7 89	41°0 89°0 88		
Number of Rainy Days Amount of Rain (inch)		14 1·81	17 8·14	13 1·98	16 8·57	10 1·58	15 8·39	14 2:06	15 8-96	19 8-99	18 3 87	17 4:16	188 37-98
Amount of Cloud Hours of Sunshine .	6·6 52	6-7 66	6·6 98	5·8 175	6·9 145	5·8 218	6·5 198	6-7 156	6·1 182	7·0 74	· 6-2 · 78	5·7 68	6·4 1445
Mean Barometer (inch)	29'542	30-075	29-890	29-870	29-888	29-929	29-804	29:874	<b>29</b> -932	29.798	29:777	29.545	29-826
Easterly Winds (days) Westerly Winds (days)	9 15	11 10	12 11	12 12	18 11	6 17	6 18	20	8 15	15 10	5 18	8 17	106 174
Births	10,634 6,570 8,810	9,770 6,188 1,836	11,476 7,813 1,583	11,269 6,814 1,456	11,127 6,482 1,202	10,985 5,809 3,438	11,016 5,646 2,468	10,455 5,422 1,621	10,182 5,195 1,528	10,674 5,237 1,502	10,158 6,048 2,898		127927 73,622 24,469
Daily Births Daily Deaths	\$48 \$19	849 219	870 252	876 910	859 207	366 194	855 182	887 175	838 171	844 169	888 201	880 226	850 <b>20</b> 2

May was characterised by low temperature, being 1°-7 below the mean of the last 30 years. Rainfall abundant, being greater than that of any May since 1862 and greater than the average of 30 years by 1.57 inches.

June was characterised chiefly by lower mean temperature, large daily range of temperature, small humidity of the air, very scanty rainfall (little more than half the average), and great amount or strength of wind; or in other words the progress of the season is a fortnight behind what is customary on the mean of former years.

With a barometric pressure rather less, and a barometric range considerably greater, the mean temperature of July 1886, after six extra cold months, at length caught up and passed beyond the average of

former July months by 0°6.

August is shown to have been a month of standard fine, dry, and breezy weather. The barometric pressure was very nearly the mean for August in all former years, and if the monthly range differed much, it was on the side of less range, and therefore less aerial disturbance.

September was characterised chiefly by high barometric pressure, rather low mean temperature, small humidity and few days of rainfall, though greater depth of rain fallen, extra strength of wind, and directions though mainly and as usual W.S.W., yet having more additions of easterly wind than usual.

The chief feature in the weather of October was the excess of mean temperature, by no less than 2°.8. Its absolute reading was however only 50°·1, which was equalled in 1878, and surpassed in 1876 and 1857; while being accompanied in 1886 by an extra small daily range of temperature, the mean temperatures of the days alone did not rise to a

Table XV.—Showing the connection between certain Atmospheric Phenomena, especially Temperature, and the Deaths from certain Diseases and Classes of Disease, in Eight of the Principal Towns of Scotland, during each Month of the Year 1886.

1886.	Jan.	Feb.	Mar.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.
Mean Temperature Highest Temperature	34°-9	84°-9 49°-8	38°-0 64°-6	48°-8 70°-6	47°-9 72°-6	58°9 79°0	\$8°0 81°0	57°-5 74°-1	58~1 74°-7	50°·1 68°·7	44°0 68°5 26°2	88°-6 68°-1
Lowest Temperature	6°0 4·19	11°0 177	12°-5	29°·0 1·77	80°-0 8-76	85°0 1.49	37°-5	86°0 15·1	30°·0 4·00	3.80	2-90	11°8 3.43
Easterly Winds (days) . Westerly Winds (days) .	11 16	14 10	18 12	13 13	15 12	9 18	7 20	6 22	10 15	17	6 19	18
Total Deaths Daily Deaths	2872 76	2264 81	2908 94	2274 76	2389 77	2211 74	2109 68	2010 65	1968 65	1998 64	2381 79	2645 85
Miasmatic Diseases	185 2 4	185 - 19	184 8 80	142 1 84	200 1 65	206	161 - 87	205 19	187	330 7	250 20	257 1 47
Scarlet Fever Hooping-Cough Diphtheria	24 48 81	25 56 18	20 88 14	14 63 12	28 67 16	78 8	82 72 6	58 91 17	38 64 12	76 98 19	88 75 35	70 79 26
All Fevers	24	22	27	17	21	19	12	25	18	22	30	30
Simple Cholers Diarrhese and Dysentery .	21	33	81	81	86	84	100	110	157	87	59	43
Phthisis Croup	266 12	949 28	840 22	968 16	321 18	298 15	258 9	940 18	217 18	198 31	250 87	251 26
Discases, Respiratory Organs Heart, etc., Discases Brain, etc., Discases	171 300	620 175 263	792 210 361	529 163 801	468 178 828	402 179 276	324 146 303	304 149 256	298 188 256	420 135 284	626 148 278	783 195 277
Premature Births	106	98	86 131	96	100	79 78	65 75	50 59	61 77	61	85 86	98

sufficient height to satisfy the requirements for ripening many of

the agricultural crops.

Like October, the chief feature of the weather of November 1886 was the high mean temperature, which amounted to 44°0, or an excess of as much as 3°0 over the average of the same month for the last 30 years, and within that period was exceeded by only three Novembers, viz., in 1857, 1863, and 1881, when it was 45°1, 44°3, and 44°9 respectively.

The weather of *December* was of an exceedingly wintry character, frost and snow having prevailed in all parts of the country, and this was attended by low barometric pressure, excessively large barometric range, remarkably low mean temperature, rainfall less than usual, by about half an inch, increased prevalence of winds from Northern quarter, and

deficiency of those from the Southern.

Table XIII. furnishes the means of comparing the months of 1886 with those of the period between 1871 and 1880, and of tracing the connection between the proportion of the gross mortality and the average temperature experienced during the decennium and during the year under review. On comparing the mean monthly temperature of the present year (1886) with that for the ten years, it is seen that for every month with the exception of October and November, it is in the case of the former under that of the latter. March and December show the heaviest mortality, and it may be noted the former follows two of the coldest months of the year, and the latter was itself the coldest of the twelve.

It is not until June we find a decided diminution in the number of deaths which is continued throughout the next four months, July, August, September, and October. In six of the months the proportion

Table XVI.—Deaths, Temperature and Fall of Rain in Eight of the Principal Towns of Scotland during each Week of the Year 1886; also the Proportion of Deaths to every Thousand of the Population.

Week.	Week endi	no	DEATHS.	p. to 1000 of ation.	TES	(PERAT)	URE.	RAIN,	No. Week.	Week ending	DEATHS.	p. to 1000 of lation.	TEN	IPERAT	URE.	RAIN
of W	week cad	шь	DEATES	Prop. to every 1000 o Population.	Mean.	Highest,	Lowest.	inches	of W	Wood Chang	Darino	Prop. to every 1000 c Population	Mean.	Highest.	Lowest.	inches
	35-12-	100	Sept. 11	A Property									0		0	
1	January	9	565	22.9	34.3	52.0	15.0	0.71	27	July 10	471	19.1	57.5	78.0	37.5	0.26
2	ACRES - CO. C. IV.	16	589	23.9	35.8	48.5	20.9	1.02	28	17	475	19.2	56.3	70.8	43.0	0.94
3		23	570	23.1	80-7	40.7	6.0	0.66	29	24	489	19-8	60-8	75.6	47.0	1.30
4		30	553	22.4	35.2	40.9	26.0	1.26	30	31	481	19.5	54.2	73.3	39.5	0.41
5	February	6	527	21.3	31.2	41.8	11.0	0.23	31	August 7	464	18.8	54.8	73.0	36-0	0.17
6	and the same of	13	606	24.5	40.8	49.8	27.0	0.44	32	14	430	17.4	56.5	69.0	41.5	0.63
7		20	551	22.3	35.1	48.0	20.0	0.52	33	21	441	17.9	57.6	75.0	39.0	0.25
8	1.7	27	580	23.5	32.9	42.8	21.0	0.49	34	28	436	17.7	58.5	74.1	42.0	0.55
9	March	6	614	24-9	32.3	46.9	21.2	0.40	35	September 4	479	19.4	59.1	74.7	36.8	0.25
10		13	678	27.5	31.4	43.5	12.5	0.02	36	11	508	20.6	55.8	70.2	43.1	1.64
11		20	690	27.9	35.9	53.2	26.9	1.10	37	18	465	18.8	51.7	68.5	30.0	0.71
12		27	609	24.7	49.1	64.6	35.5	0.99	38	25	415	16.8	49-9	63.5	36.5	0.05
13	April	3	534	21.6	42.5	55.8	22.0	0.97	39	October 2	452	18.3	54.2	68.7	44.8	1.69
14	- Pro-	10	524	21.2	42.4	55.6	31.0	0.85	40	9	489	19.8	54.3	64.0	39.2	0.68
15		17	507	20.5	44.7	58.7	29.6	0.13	41	16	482	19.5	49.6	62.0	34.1	1.41
16		24	511	20-7	42.8	59.2	29.0	0.19	42	23	450	18.2	47.6	57.2	30-0	0.65
17	May	1	567	23.0	45.8	70.6	29.0	0.20	43	30	460	18.6	48.2	60.0	32.0	0.45
18	2007	8	550	22.3	51.5	72.6	30.0	0.18	44	November 6	545	22.1	46.5	59.0	31.5	1.11
19		15	548	22.2	43.8	64.0	31.7	0.58	45	13	497	20.1	42.2	50.3	33.4	0.65
20	700	22	538	21.8	48.6	68.1	33.0	1.54	46	20	529	21.4	43.4	57.5	29.4	0.82
21	100	29	526	21.3	48.9	65.8	33.0	1.22	47	27	528	21.4	44.0	57.0	28.4	0.11
22	June	- 5	515	20.9	49.3	70.7	35.0	0.55	48	December 4	570	23.1	87.7	58.8	17.6	0.62
23	o uno	12	516	20-9	54.3	70-5	42.7	0.66	49	11		22.0	38.7	53.1	28.0	1.19
24	4 1000	19	536	21.7	54.5	81.9	40.4	0.20	50	18		22.5	32.8	40.8	21.0	0.35
25		20	498	20.2	55.3	79.0	41.5	0.07	51	25		26.2	32.0	46.2	11.3	1.11
26	July	3	514	20.8	60.0	81.7	37.5	0.02	52	January 1		25.1	32.2	43.1	14.5	0.25

of deaths during the present year is above that of the decennial mean. Table XIV. affords further information as to various meteorological phenomena deduced from daily observations made at 55 stations of the Meteorological Society of Scotland, situated in various parts of the country.

Table XV. contains the usual information regarding the connection between the chief meteorological peculiarities of each month of 1886, and the amount of mortality experienced in the Eight Towns; and as in the country at large, we here find the heaviest Death-toll to be in March and December, the lightest in June and the four succeeding months.

Of the 8 fatal cases of Small-pox which were registered in these towns, 2 were so in January, 3 in March, and 1 each in April, May, and

December.

Measles numbered but 4 deaths in January, but steadily increased until June when they were 68, falling until November, when they again rose considerably. The greatest number of deaths from Scarlet Fever

Table XVII. -Monthly Deaths at Four Periods of Life in Eight of the Principal Towns of Scotland during the Year 1886, and Proportion at each Age in every Hundred Deaths per Month.

Montes.	Ac	tual Nu	nber of I	eaths in	1886.	Proport	ion at ea Dea	ich Age i t <b>ha per M</b>	n every E onth.	lundred
	0-5 Years.	5-20	20-60	60 and above.	Total Deaths.	0-5 Years.	5-20	20-60	60 and above.	Total.
January	845	222	765	540	2,872	85.6	9.4	32-2	22-8	100
February	813	208	722	526	2,264	85-9	8-0	81-9	23-2	100
March	987	287	954	680	2,908	38-9	9.8	82.8	28.5	100
April	824	226	750	474	2,274	36.2	10-0	33.0	20.8	100
May	906	250	802	481	2,389	87.9	10.2	83.6	18-0	100
June	856	252	702	401	2,211	38.7	11.4	31.8	18.1	100
July	848	218	687	416	2,109	400	10.1	80.3	19.7	100
August	885	288	608	884	2,010	41.5	11.6	30.3	16.6	100
September	898	174	578	818	1,968	45.7	8.8	29-2	16.3	100
October	866	171	612	849	1,998	43.8	8.6	80-6	17.5	100
November	1,089	215	678	454	2,381	48.6	9-0	28.8	19.3	100
December	1,084	225	842	494	2,645	41.0	8.2	81-8	18.7	100
YEAR	10,796	2,671	8,640	5,417	27,524	89.2	9.7	81.4	19-7	100

Table XVIII.—Months equalised to 31 Days, and Deaths at each Age corrected thereto, in order to show the relative Mortality at each Age in Eight of the Principal Towns during each Month of the Year 1886.

W.	MTRI				Relative N	umber of Dea	ths in 1886.		Monthly Deaths proportioned to 1000 per month
		•		0–5 Years.	5-20	20-60	60 and above.	Total.	or 12,000 per annum.
January February March April April June July August September October November Decamber				 845 900 987 851 906 885 848 885 928 866 1,074	222 225 287 284 280 260 213 288 180 171 223	765 799 954 775 802 725 637 606 592 612 695 842	540 582 680 490 431 415 416 834 828 849 469	2,372 2,506 2,908 2,380 2,389 2,285 2,109 2,010 2,028 1,908 2,460 2,645	1,016 1,073 1,243 1,006 1,021 977 902 869 867 865 1,062
	YE	AR	•	11,004	2,722	8,806	5,628	28,060	19,000

occurred during the last six months of the year, rising steadily and perceptibly from June onwards. Hooping-Cough causes its fewest deaths during January and February, when they are 56, and varies from 63 to 93 during each of the other months. Diphtheria shows its highest mortality during the months at either end of the year, and the same remark applies to Fevers and that chiefly to Enteric or Typhoid. Diarrhoea is most apparent during the later summer and autumnal months, its highest being during September.

Phthisis was most fatal during the first six months of the year, although in each month a large number of exits are due to it, the smallest number being 198 in October. Croup indicates its highest mortality during the last three months, — October, November, and

December.

The mortality from diseases of the Respiratory Organs is perhaps more than in most other cases associated with marked atmospheric alterations, or sudden and frequent alternations of cold and mild weather. During the present year the coldest months, March and December, give the largest number of deaths, chiefly from Bronchitis and Pneumonia, the lowest occurring in the warmer months of July, August, and September; and almost identically the same thing happens in regard to Heart-Affections and diseases of the Circulatory System generally, which so often complicate Pulmonary Affections.

Brain Diseases were most lethal during March, April, and May,

least so during August, September, and October.

Tables XVII. and XVIII. are drawn up to exhibit the relative amounts of mortality at different ages among the population of the Eight Towns, at each of the monthly periods of 1886.

Thus, Children aged 0-5 years, died in the highest proportion during November, December, March, and September, in the lowest during July

and August.

Among Adolescents, aged 5-20 years, the proportion of deaths is greatest in March, May, and June, the minimum occurring in October.

Adults, or those between 20 and 60 years, and who are, naturally, most exposed to inclemencies of weather, while actively engaged in earning daily bread for themselves and families, suffered chiefly during March, December, and the early months of the year, during the months when Chest affections are most fatal.

Lastly, the Aged, or those who have passed the limit of 60 years, succumbed in the greatest numbers during the early and late months of the year, when the mean temperature was at its minimum, being highest in March, when 131 such died, and 106 in January, lowest during

August, when 59 was the mortality.

As regards the mortality of the entire population of these Eight Principal Towns of Scotland during 1886, the months rank in the following order, being heaviest in March, and gradually diminishing throughout, the others thus:—December, February, November, May, January, April, June, July, September, August, and October.

### TWENTY-SECOND ANNUAL REPORT

ON THE

### VACCINATION OF CHILDREN

BORN IN SCOTLAND DURING 1885.

The Vaccination returns for the year 1885 show that of the 126152 children born in Scotland, 109866, or 87.090 per cent. were successfully vaccinated. In 2073 cases, or in 1.643 per cent., vaccination was postponed on medical authority when the returns were made up at the close

TABLE XIX.—Vaccinations in Scotland, 1875-1885, and Proportion to the Births each Year.

				Insuscep	ible of Vac	cination.		101. 02 101.	
Years.		Success- fully Vacci- nated.	Vaccina- tion Post- poned.	From Constitu- tional Insuscep- tibility.	From having had Small-pox.	From previous Vaccination.	Died before Vaccina- tion.	Removed from District before Vaccination, or otherwise un-	TOTAL BIRTHS.
1875 1876	Numbers . Numbers .	108,096 111,815	1,211 1,034	190 177	1 5	252 848	11, <b>326</b> 10,760	2,575 2,567	128,651 126,706
1877	Numbers .	112,229	1,804	180	4	480	10,874	2,829	126,900
1878	Numbers .	111,694	1,196	190	8	406	10,905	2,460	126,854
1879	Numbers .	111,469	1,290	180	8	849	9,999	3,493	125,782
1880	Numbers .	109,381	1,404	155	0	859	11,016	2,859	124,674
1881 1882	Numbers .	111,008	1,586 1,713	150 192	0	352 280	10,587 11,078	2,594	196,277 126,162
1883	Numbers .	110,268 108,906	1,718	194	3	365	10.718	2,637 2,452	124,516
1884	Numbers .	112,122	1,964	242	1 6	265	11,694	2,886	199,128
1004	Numbers .	113,123	1,502	242		200	11,052	3,000	129,120
10 Years.	Average .	.110,698	1,458	185	2	346	10,845	2,530	196,064
1885	Numbers .	109,866	2,078	225	0	228	10,872	2,888	126,152
1875	Percentage	87-420	0.979	0.154	0.001	0.204	9-160	2.083	100-000
1876	Percentage	88-248	0.816	0-140	0-008	0-275	8-492	2.025	100-000
1877	Percentage	88-488	1.028	0-141	0.008	0-878	8.178	1.885	100-000
1878	Percentage	88.049	0.943	0-150	0.008	0.820	8.596	1-939	100-000
1879	Percentage	88-621	1-026	0-148	0.008	0-277	7-949	1-961	100-000
1880	Percentage	87.784	1.126	0-194	0.000	0.288	8.886	1.892	100-000
1881	Percentage	87-908	1.256	0-119	0.000	0-279	8.884	9-054	100-000
1882	Percentage	87.899	1.358	0-152	0.008	0.323	8-776	2.090	100-000
1888	Percentage	87.468	1.518	0.156	0.003	0-298	8-608	1.970	100-000
1884	Percentage	86-884	1.231	0.187	0-000	0.302	9-057	2-195	100-000
10 Years	Percentage	87-811	1.157	0-147	0.002	0-274	8-608	2-006	100-000
1985	Percentage	87:090	1-648	0-179	0-000	0-181	8-618	2-289	100-000

of 1886; 225 children, or 0.179 per cent. were declared to be unfit for vaccination from constitutional insusceptibility; and 228 children were insusceptible from previous successful vaccination. There were no cases of insusceptibility in respect of the children having previously had Small-pox. 10872, or 8.618 per cent. of the children born died before vaccination; and in 2888 cases, or in 2.289 per cent. the children were removed from the district in which they were born previous to vaccination, or from some other cause they were unaccounted for. It will be seen from Table XIX. that the number of cases of postponements continues steadily to increase. During the previous ten years the average percentage of these cases was 1.157, while for the year 1885 the proportion is 1.643 per cent.

In Table XX. the particulars relative to children who died before vaccination are omitted; and the proportion shown of children living at the age of six months who were protected by vaccination. From this Table it is seen that of 115280 children who were living at the age of six months, 109866 or 95:304 per cent. were certified to have been successfully vaccinated. In 2073 cases, or in 1.799 per cent., vaccination was postponed. In 225 cases, or in 0.195 per cent., the children were stated to be constitutionally insusceptible of vaccination; and 228 or 0.197 per cent., were insusceptible from previous successful vaccination; none, however, were insusceptible from having had Small-pox. In 2888 cases, or in 2.505 per cent., the children were unaccounted for in consequence of having left the district in which they were born, or from some other cause.

Table XX.—Vaccinations in Scotland, 1875–1885, deducting from the Births those who died before they could be Vaccinated, and giving the Proportion of the Vaccinated to the surviving Births of each year.

				Insusce	eptible of Vac	cination.	Removed	
Years.	ion mod Canada	Successfully Vaccinated.	Vaccination Postponed.	From Constitu- tional Insuscep- tibility.	From having had Small-pox,	From Previous Vaccination,	from District before Vacci- nation, or otherwise un- accounted for.	TOTAL LIVING.
1875 1876 1877 1878 1879 1880 1881 1882 1883	Numbers . Numbers . Numbers . Numbers . Numbers . Numbers . Numbers . Numbers . Numbers .	108,096 111,815 112,229 111,694 111,469 109,381 111,008 110,263 108,906	1,211 1,034 1,304 1,196 1,290 1,404 1,586 1,713 1,884 1,964	190 177 180 190 180 155 150 192 194	1 5 4 3 3 0 0 0 4 2	252 348 480 406 349 359 352 280 365 265	2,575 2,567 2,329 2,460 2,492 2,359 2,594 2,637 2,452 2,836	112,325 115,946 116,526 115,949 115,783 113,658 115,690 115,089 113,803 117,429
1884 10 Years.	Numbers .	112,122	1,459	185	2	316	2,530	115,220
1885	Numbers .	109,866	2,073	225	0	228	2,888	115,280
1875 1876 1877 1878 1879 1880 1881 1882 1883 1884	Percentage Percentage Percentage Percentage Percentage Percentage Percentage Percentage Percentage	95·807 95·697	1.078 0.892 1.119 1.031 1.114 1.235 1.371 1.448 1.655 1.672	0·169 0·153 0·154 0·164 0·156 0·136 0·130 0·167 0·170 0·206	0·001 0·004 0·003 0·003 0·003 0·000 0·000 0·004 0·002 0·000	0·224 0·300 0·411 0·350 0·301 0·316 0·304 0·243 0·321 0·226	2-298 2-214 1-999 2-122 2-152 2-076 2-242 2-291 2-155 2-415	100·000 100·000 100·000 100·000 100·000 100·000 100·000 100·000 100·000
10 Years.	Percentage	96.076	1.266	0.161	0.002	0.299	2.196	100-000
1885	Percentage	95.304	1.799	0.195	0.000	0.197	2.505	100.000

TABLE XXI. - Deaths from Small-pox in Scotland, 1855-1886.

YEARS.	Small-pox Deaths.	YEARS.	Small-pox Deaths.
1855	1,309	1871	1,442
1856	1,306	1872	2,446
1857	845	1878	1,126
1858	889	1874	1,946
1859	682	1875	76
1860	1,495	1876	89
1861	766	1877	88
1862	426	1878	4
1868	1,646	1879	8
1864	1,741	1880	10
1865	888	1881	19
1866	200	1882	8
1867	100	1883	1 11
1868	15	1884	14
1869	64	1885	16*
1870	114	1886	16*

\* For 1885 and 1886 the Small-pox Deaths are estimated from the ascertained Small-pox Deaths in Eight of the Principal Towns, as compared with the Total Small-pox Deaths in all Scotland during the Twenty Years 1855–1874.

Table XXII.—Small-pox Deaths in Eight of the Principal Towns of Scotland at different Ages in 1886, also during the Ten Years 1865–1874, compared with those of the Ten Years 1865–1864, in the same Towns before the Vaccination Act came into operation.

	Small-pox	DEATHS, 1886.		DEATHS, -1874.		DEATES, 1-1864.
AGES.	Number.	Percentage at each age.	Number.	Percentage at each age.	Number.	Percentage at each age,
0-5 5- <del>20</del> 20-60 60 and above	1 9 4 1	12-50 25-00 50-00 12-50	1089 1059 1519 40	28·41 28·96 41·54 1·09	4062 660 687 6	75-08 19-19 12-67 0-11
Total	8	100-00	8657	100-00	5415	100-00

In Table XXI. is given the usual account of the deaths from Smallpox in Scotland, during each year, from 1855 to 1886. From Table XXII. it will be seen that in Eight of the Principal Towns of Scotland during the year 1886, only 8 of the deaths were caused by Small-pox, the same number as in 1885. Of these, 2 occurred in Glasgow, 3 in Edinburgh, 1 in Aberdeen, and 2 in Leith.

I have the honour to be,

SIR.

Your most obedient Servant,

R. J. BLAIR CUNYNGHAME, M.D.

STATISTICAL DEPARTMENT, 2nd March 1887.

## I.—BIRTHS REGISTERED IN SCOTLAND DURING EACH MONTH OF THE YEAR 1886.

		Revised Popula- tion at		-							BIR	THS.						
	a man man and man an	date of Census 1881.	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total Births.	Males.	Fem.	Tota Illeg Birth
	SCOTLAND, .	3,735,573	10634	9770	11476	11269	11127	10985	11016	10455	10132	10674	10153	10236	127927	65954	61973	1050
	GROUPS OF DISTRICTS.																	
1	PRINCIPAL TOWN DISTS.	1,409,260	4473	4012	4776	4593	4549	4617	4389	4239	4043	4285	4131	4231	52338	26905	25433	402
2	LARGE TOWN	388,797				1000			1000		10000				15214	7847	7867	98
3	SMALL TOWN	791,250								1	1				27618	14321	13297	229
4	MAINLAND-RURAL,,,	1,015,878					2608				2362				29495	15185	14310	299
5	INSULAR-RURAL, "	130,388	1			100			289				277	304	3262	1696	1566	20
1	DIVISIONS.							/										
1	NORTHERN,	123,984	250	220	244	226	233	231	283	276	266	261	287	289	3066	1563	1503	24
2	NORTH-WESTERN, .	165,856	358	349	361	337	301	338	394	334	389	415	374	381	4331	2241	2090	24
3	NORTH-EASTERN, .	418,250	1102	1024	1205	1246	1210	1196	1178	1194	1108	1260	1170	1159	14047	7202	6845	20
4	EAST-MIDLAND,	602,421	1518	1343	1596	1602	1629	1635	1543	1537	1487	1582	1542	1467	18481	9557	8924	15
5	WEST-MIDLAND, .	283,460	790	757	823	740	850	801	843	725	769	815	716	718	9342	4778	4569	5
6	SOUTH-WESTERN, .	1,385,447	4538	4233	5097	4909	4800	4654	4591	4389	4128	4328	4109	4228	54004	27851	26153	35
7	SOUTH-EASTERN, .	546,658	1527	1384	1649	1651	1568	1631	1594	1515	1467	1529	1490	1515	18520	9587	8933	14
8	SOUTHERN, .	209,497	551	460	501	558	536	499	595	485	518	484	465	484	6136	3180	2956	8
	I. NORTHERN.	1	1															
1	Shetland.	29,70	60	61	58	47	48	67	61	51	67	75	77	65	737	360	377	
2 3 4	Orkney, Caithness, Sutherland,	32,044 39,859 22,370	70	61	64 70 52			49 79 36		117	92	94	89	80 94 50	768 1037 524	399 541 263	496	1
5 6	II. NORTH-WESTERN. Ross and Cromarty, Inverness,	79,467 86,389			190 171	171 166		166 172						176 205	2083 2248	1078 1163	1005 1085	1
7890	III. NORTH-EASTERN. Nairn, Elgin (or Moray), Banff, Aberdeen, Kineardine,	8,847 45,108 59,783 269,047 35,463	122 170 709	97 158 673	112 173		117 174 791	15 113 165 826 77	13 112 192 764 92	123 171 786	97 165 738	820	158	21 135 195 718 90	212 1399 2113 9202 1121	102 706 1092 4709 593	110 693 1021 4493 528	2 3 12
ď	IV. EAST-MIDLAND.																	
12 13 14 15 16	Kinross,	268,653 130,282 172,131 7,330 24,023	265 466 10	216 421 17	296 433 14	490 15	462 26	764 282 507 15 67	698 303 445 11 86	289 476 14	259 467 12	704 263 534 12 69	285 492 18	697 242 441 11 76	8523 3328 5634 175 821	4344 1757 2942 90 424	4179 1571 2692 85 397	8 3 3
	V. WEST-MIDLAND.	10000																
17 18 19 20	Stirling, Dumbarton, Argyll, Bute,	106,883 78,182 80,761 17,634	249 167	242 167		239 165	279 180	180	340 290 168 45	228 162				290 239 149 35	3840 3043 2030 429	1955 1556 1032 230	1885 1487 998 199	1 1
21 22 23	VI. SOUTH-WESTERN. Renfrew,	225,611 217,630 942,206	700 694	620	752	733	690	637	730 632 3229	640	601	624	605		8290 7809 37905	4316 4025	3974 3784	4 6
	VII. SOUTH-EASTERN.	1																
24 25 26 27 28	Linlithgow, Edinburgh, Haddington, Berwick,	44,005 388,836 38,510 35,273 13,688	1086 96 87	943 83 77	1171 93 67	1138 98 84	1092 108 86	1161 97 96	1125 102	1069 94 77	57		1100 83 59	1082	2168 13091 1146 927 414	6739 606 499	6352	1
29		26,346				80		59				60		55	774	412		
	VIII, SOUTHERN.																	
10 31 32 33	Dumfries,	52,592 76,167 42,290 38,448	210 114	159 106	178 108	219	196 115	185 88	229 117	177 103	189 102	183 83	168 95	174 97	1528 2267 1240 1101	767 1184 635 594	761 1083 605 507	

1 I.—DEATHS
REGISTERED IN SCOTLAND DURING EACH MONTH OF THE YEAR 1886.

			Revised Popula- tion at								DEA	THS						
	-		date of Census 1881.	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total Deaths	Males.	Fem.
1	SCOTLAN	ND,	3,735,578	6570	6138	7813	6314	6432	5809	5646	5422	5193	5237	6043	7008	73622	36434	3718
	GROUP OF DISTRI															111		
1	PRINCIPAL TOWN D	ISTRICTS	1,409,260	9769	2699	9467	9694	9785	2502	9400	0075	9900	0007	0704				
2	LARGE TOWN		388,797					742		1		1	1			1-5-5	100000	15.75%
3	SMALL TOWN	,	791,250													8438 15150		425
4	MAINLAND-RURAL	,,	1.015.878							1284			1098			15150	30.000	770
5	INSULAR-RURAL	"	130,388			198			171		157	150	1	1000	-	1988	7852 971	1017
	DIVISIO	NS.																
1	ORTHERN, .		123,984	172	143	195	175	167	156	128	197	140	141	100	100	7000		
	ORTH-WESTERN.		165,856			319	237	231	233	205		142		166		1908	900	1008
3	NORTH-EASTERN.		418,250		559	691	602	592	560	534	189 503	177	196	207	227	2703	1355	1348
4	EAST-MIDLAND,		602,421	998		1082	932	922	808	870	1.50	473	478	571	618	6792	3306	3486
5	WEST-MIDLAND.		283,460	490	1000	529	480	486	374	365	784	765	1	841	1062	10757	5106	5651
6	SOUTH-WESTERN,		1,385,447	2826			2662	2729		2364	405	386		449	515	5296	2622	2674
7	SOUTH EASTERN.		546,658		822	1104	891	958	952	903	2260	4000		2558	2992	31498	15912	15586
8	OUTHERN.		209,497	348	1300	392	335	347	289	277	872	764	801	937	1055	10940	5460	5480
			200,101	010	010	002	550	011	200	211	272	243	239	314	353	3728	1773	1955
1	I. NORTHE	RN.																
1	hetland, Orkney,		29,705	51	40	45	44	45	45	29	41	35	56	54	53	538	220	318
3	Caithness, .		32,044 39,859	29 59	39 43	46 67	31 62	35 59	40	33 44	35 44	44	15 45	29 49	31 68	407 624	205	202
4	Sutherland, .		22,376	33	21	37	38	28	30	22	17	20	25	34	34	339	308 167	316 172
	II. NORTH-WES	STERN.	70.407	100	110		0.7	***								200	A .M	
6	Inverness,	: :	79,467 86,389	$\frac{120}{124}$	117 121	140 179	97 140	108 123	112 121	100	83 106	73 104	95	93 114	104 123	1242 1461	602 753	640 708
	III. NORTH-EA	STERN.														1101	100	100
7	Nairn,		8,847	11	17	19	16	12	8	8	9	7	14	6	8	135	64	71
8	Elgin (or Moray), Banff,		45,108 59,783	65 104	63 69	71 126	67	69 109	69 85	57 86	68 62	59	53	61	69	771	390	381
0	Aberdeen,	:	269,047	381	355	417	369	361	359	339	326	56 312	66 308	61 398	85 394	1024 4319	511 2064	513 2255
1	Kincardine, .		35,465	50	55	58	35	41	39	44	38	39	37	45	62	543	277	266
2	IV. EAST-MID	LAND.	268,653	472	437	486	410	410	20.5	470								
3	Perth,	: :	130,282	186	165	225	410 194	412 199	395 181	410 186	344	353 154	349 153	408 157	457 215	4933 2175	2252 1063	2681 1112
4	Fife, Kinross,		172,131 7,330	281	277	316 10	266 18	265 12	192	239	233	219	218	233	329	3068	1513	1555
6	Clackmannan, V. WEST-MIDL	: :	24,025	51	38	45	44	34	11 29	10 25	8 39	36	10 38	86	15 46	120 461	50 228	70 233
7	Stirling,	AND,	106,883	179	162	205	165	202	127	134	157	161	151	169	185	1000	000	1011
8	Dumbarton, .	. :	78,182	150	130	170	158	147	117	101	118	103	135	136	158	1997 1623	982 808	1015 815
9	Argyli,	: :	80,761 17,634	133 28	112 24	114 40	126 31	112 25	102 28	105	91 39	94 28		113	142	1329 347	658	671
1	VI. SOUTH-WES	STERN.									30	20	40	01	90	140	174	173
1	Renfrew,		225,611		384		404	383		377	393	350	315	357	431	4708	2322	2386
3	Lanark,	: :	217,630 942,206	381 2047	350 1965	437 2519 1	376 1882	389 1957 1	333 1733	351 1636	990	000	000	0 . 1	000	4260	2125	2135 11065
1	VII. SOUTH-EA	STERN.											1			,		
4	Linlithgow,		44,005	82	74		102		111	76	76	67	89	89	124	1115	574	541
5	Edinburgh, Haddington,	: :	388,836 38,510	641 54	590 54	817 51	652 53	703	713	668	644 53	582 47	600 38	700	7.56 63	8066 614	4004	4062 303
7	Berwick,		35,273 13,688	40 17	55 11	64	43	51	47	43	40	24	28	48	53	536	311 256	280
9	Selkirk,	: :	26,346	47	38	43	13 28	16 43	10 25	23 27	17 42	18 26	14 32	14 37	17 42	179 430	93 222	86 208
	VIII. SOUTH	ERN.																
0	Roxburgh, Dumfries, .		52,592 76,167	89 134	72 110	86 143	84 129	69 142	70 117	66	81	57	62		104	919	424	495
2	Kirkeudbright, .		42,290	57	66	82	62	75	51	63	101 51	88 54	80 48	131 66	131 58	733	693 335	721 398
3	Wigtown,		38,448	68	71	81	60	61	51	40	39	44	49	38	60	662	321	341

#### 29 III.-MARRIAGES REGISTERED IN SCOTLAND DURING EACH MONTH OF THE YEAR 1886.

			POPUL							MAR	RIA	GES.					
			Census 1871	Census 1881	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total.
	SCOTLAND,		3,360,018	3,735,573	3310	1336	1583	1456	1202	3433	2468	1621	1523	1502	2398	2637	24,46
	GROUPS OF DISTRIC	TS.															
I	PRINCIPAL TOWN DIS	STRICTS,	1,192,903	1,409,200	1562	607	789	745	606	1505	1336	830	762	749	1082	999	11,57
I	ARGE TOWN	,,	327,734	388,797	374	134	211	152		386	301	217	163	160	560	280	2,74
S	MALL TOWN		697,460	791,250	708	262				665	422	294	329	331	1	561	4,79
1	MAINLAND-RURAL	,,	1,009,917	1,015,878	593	257	273		227	845	388	268	247	232		728	4,88
1	INSULAR-RURAL	,,	132,004	130,388	73				17	32	21	12	22	30	1777	69	47
-	DIVISION	IS.															
2	NORTHERN, .		127,191	123,984	77	72	45	34	34	39	31	20	42	39	51	91	5
1	NORTH-WESTERN,		166,351	165,856	87	58	58	41	24	75	34	25	31	53	64	131	6
1	NORTH-EASTERN,		393,199	418,250	251	126	121	125	144	375	236	137	187	156	258	360	2,4
1	EAST-MIDLAND,		559,676	602,421	613	155	224	190	157	473	388	207	192	216	360	404	3,5
1	WEST-MIDLAND,		251,088	283,460	192	88	96	109	61	221	162	90	97	84	171	184	1,5
1	SOUTH-WESTERN,		1,183,218	1,385,447	1457	541	736	638	542	1402	1179	688	668	599	981	909	10,3
1	SOUTH-EASTERN,		475,523	546,658	530	229	23	248	178	646	354	366	252	286	382	407	4,1
	SOUTHERN, .		203,772	209,497	108	67	6	8 71	65	202	84	88	54	69	131	151	1,1
				,						1				1			1
	* MADELLE	DAT	1	1	ı								1				1
١	I. NORTHE	KN.			١.,											3 29	Ι.
	Shetland, Orkney,		31,608 31,274	29,705 32,044	38					13					8 16		
P	Caithness, .		41,011	39,859	20	0 1	8	8 1	2 1	1 18	14	1	1 1	6 1	6 17	28	1
1	Sutherland, .		23,298	22,376	1	5 1	4	8	5	2 1		1 2	2	2	9 4	1 9	1
1	II. NORTH-WE	STERN.			1	1											1
5	Ross and Cromarty, Inverness,	: :	82,093 84,258	79,467 86,389	4					8 41			9 1				
1	III. NORTH-EA	ASTERN.			1												1
3	Nairn,		8,372	8,847	2			8 1			2 2		7 1		8 8	5 40	
9	Elgin (or Moray), Banff.	: :	44,549 58,883	45,108 59,783	3			6 2	1 1	8 4	9 2	2 1	8 3	7 2	3 3	5 56	6
0	Aberdeen,	., .	246,298	269,047	17			5 8		6 26							
1	Kincardine, .		35,097	35,465	1 1		1	2	1 1	2 0	1	' '	2 1	0 1	1	0 01	1
	IV. EAST-MI	DLAND.			07	- 0		8 9	0 8	2 20	2 21	3 10	6 8	4 11	4 11	7 18	
2	Forfar,		240,049 128,550							6 10					0 7		
1	Fife,		160,924	172,131	20					3 14					1 14		3 1,
6	Kinress,	: :	7,918 22,235		3	8	2 3 1		0	4 2				5		9 1	
1	V. WEST-MID	LAND.	22,200	22,020	1		1	1			1						
7	Stirling		93,345	106,888	9	00 8	35 3	38 4	18 2	3 10	7 6	4 5	2 8	6 8	9 6	6 6	6
s	Dumbarton, .		61,116	78,182	1 6	66 2	28	34 8	34 2	1 6	6 7	6 2	5 8	7 5	24 5	4 5	2
9	Argyll,	: :	79,661 16,966			8 2	4	20 2	4 1	5 3 2 1			1 2	4		4 1	
	VL SOUTH-W	ESTERN.	20,000	2,,00						1							
1	Renfrew,		195,305	225,611	20	)2 8	36 1	02 10	05	9 18					95 18		
1 2 3	Ayr,		200,908	217,630	) 20					22 22				01 5	92 18		0 1,
ó	Lanark,		787,000	942,200	103	00 3	90 5	58 44	41 4	99	5 88	3 42	20 47	7 4.	12 68	88 65	1 7,
	VII. SOUTH-E	ASTERN.			. 1		1.	10	01	18	0 4	10			07	27	0
24 25	Linlithgow, Edinburgh,		41,379 328,138			56 10 1				18 48						27 4 16 30	5 3,
16	Haddington		37,75	38,51	0 :	22	13	13	11	18 8	6	16 1	11	7	17 1	14 2	0
27	Berwick,	: :	36,385 12,215		8	18	17	10	19		9	0	9	0	5		7
29	Selkirk, .		19,65			17	5	9	5				16				i
	VIII. SOUT	HERN.			1												
30			48,24											15			34
33	Kirkendhright.	: :	74,84 42,08	7 76,16 7 42,29			23 10	27 18	29								21
32	Wigtown, .	. :	38,60				15						11				23
33	1		1								1	1				1	

## 30 IV.—Total DEATHS from all Causes at Four Periods of

30 IV.—Tota		_	GES	-	12	m all Causes at F			GES		
CAUSES OF DEATH.	0-5	5-20	20-60	60, etc.	Total.	CAUSES OF DEATH.	9-0	5-20	20-60	60, etc.	Total.
ALL CAUSES	10796	2671	8640	5417	27524	Enteric Fever Other Miasmatic Diseases .	25	81	82	9	197
I. SPECIFIC FEBRILE OR ZYMOTIC DIS. II. PARASITIC DIS. III. DIETETIC "	2412 15 31 975	432	64	141 11 423	15 106	DIARRHŒAL DISEASES. Simple Cholera Diarrhœa, Dysentery	13 559	1 27	2 68	87	16 741
IV. CONSTIT.  V. DEVELOP.  VI. LOCAL  VII. VIOLENCE  VIII, ILL-DEFINED AND	894 5300 209	-	4655	1060	$\frac{1954}{14575}$	MALARIAL DISEASES. Remittent Fever	4	1 -	7	2	52
NOT SPEC. CAUSES	960	48	211	76	1295	Hydrophobia	-	-	-	1+4	
I. 1. Miasmatic Diseases . 2. Diarrheal ,, . 3. Malarial ,, .	1678 572 4	383 28 1	153 70	18 87 2	2232 757 7	Glanders Splenic Fever Cow-pox and other effects of Vaccination	1	-	-	170	
4. ZOOGENOUS ,,	1 116 41	19	25 131	31	145 222		116	1	19	2	137
PARASITIC DISEASES .	15		-		15	Phagedæna	37 4	6 7	31 30	27 4	101
DIETETIC DISEASES .	31	_	64		106	Pyæmia, Septicæmia Puerperal Fever	-	6	70	1170	76
CONSTITUTIONAL DIS V.	975	1033	_		1954	Thrush Other Dis. from Veget. Para.	12	17.1.1	- 1.1.		19
DEVELOPMENTAL DIS VI.	094	_	_	1000	1554	Other Dis. from Animal Para.	2		-	Served I	3
1. DIS. OF NERVOUS SYSTEM 2. , ORGANS OF		324	795 10	1010		Starv., Want of Breast Milk	31	-	1	1	33
SPECIAL SENSE 3. ,, CIRCUL, SYSTEM 4. ,, RESPIR, SYSTEM 5. ,, DIGESTIVE SYSTEM	21 24 2964 862	127	1056	$\frac{765}{1288}$	1972 6199	$ \begin{array}{c} \text{Intemp.} \; \Big\{ \begin{array}{c} \text{Chronic Alcholism} \\ \text{Delirium Tremens} \end{array} \\ \end{array}$	-	-	48	9	57 15
6. ,, Lymphatic Syst. & Ductless Glands 7. ,, Urinary System 8. ,, Reproduct. Syst.	49	3 66	15 282		24 554		1	31 4 -	51 19 2	11 17 3	96 41 5
(a) Dis. of Organs of Gen. (b) Dis. of Parturition .  9. ORGANS OF LOCOM. INTEGUMEN. SYST.	30	2 3 66 4		16	129 152	Rickets Cancer Tabes Mesenterica Tuber. Men. (Acute Hydro.)	33 4 298 353	7 2 111 109	4 452 28 14	285	743 438 476
VII.  1. ACCIDENT OR NEGLIGENCE 2. HOMICIDE 3. SUICIDE 4. EXECUTION	201 8	126	368 3 43	-	804 11 52	Phthisis Other forms of Tuber., Scrof. Purpura, Hæmor. Diathesis Anæmia, Chlorosis, Leucocyth. Diabetes Mellitus Other Constitutional Dis.	156 117 5 4 1	659 96 6 5 3	2245 48 2 33 16 3	91 2 1 6 4 2	3151 263 14 48 24 5
VIII. ILL-DEFINED AND NOT SPECIFIED CAUSES .	960	48	211	76	1295	DEVELOPMENTAL DISEASES. Premature Birth Atelectasis	777 42	-		7 14	777 42
MIASMATIC DISEASES. Small-pox { Vaccinated . Unvaccinated . No statement .	- - 1		1 1 2			Cyanosis Spina Bifida Imperforate Anus Cleft Palate, Hare-lip Other Congenital Defects	17 22 4 4 28	11111	111111	1060	17 22 4 4 28
Chicken-pox	328 3	18	2	-	348 4			_	-51	1000	1000
Scarlet Fever Typhus Relapsing Fever Influenza Hooping-cough Mumps	321 - 6 816	169 10 57	9 41 1 1 1	3 - 3	499 54 1 10 874 1	System. Inflam. of Brain or its Mem. Apoplexy Softening of Brain	485 17 - 4	5	68 303 26 194 3	4	755 729 93 621 7
Diphtheria	168	37 2 6	8	1	3	Insanity, Gen. Par. of Insane	1 11	2 4 10	21 - 43	5 2 11	28 -7 75

### Life in Eight of the Principal Towns of Scotland-Year 1886. 31

		A	GES.		381	11/2 8		I	GES		
CAUSES OF DEATH.	9-0	2-50	20-60	60, etc.	Total.	CAUSES OF DEATH.	9-0	2-50	20-60	60, etc.	Total.
Convulsions Laryngismus Stridulas Idiopathic Tetanus Paraplegia, Dis. of Spin. Cord Other Dis. of Nerv. System	490 39 3 8 241	28 2 2 12 59	9 - 3 44 81	1 34 57	528 41 8 98 438	Calculus Hæmaturia Dis. of Bladder & of Prostate Other Dis. of Urinary System	2 2 8	1 - 2 16	6 2 20 72	5 4 54 25	1 7 12
DISEASES OF ORGANS OF SPECIAL SENSE. Otitis, Otorrhea Epistaxis and Dis. of Nose Ophthalmia and Dis. of Eye	14 3 4	3 1 -	7 2 1	2 1 -	26 7 5	DISEASES OF ORGANS OF GENERATION. Ovarian Disease Dis. of Uterus and Vagina . Disorders of Menstruation . Pelvic Abscess	2	- 1 1 - -	22 38 2 8 1	7 6 -	
DISEASES OF CIRCULATORY SYSTEM.						Dis. of Testes, Penis, Scrotum, &c	v -	-	. 2	-	100
Endocarditis, Valvular Dis. Pericarditis Hypertrophy of Heart Angina Pectoris Syncope Aneurism Senile Gangrene Embolism, Thrombosis	2 - - 8 - -	109 11 3 - 1 - 1	834 16 45 11 45 46 2 19	4 44 15 27 15 21 13	1558 33 92 26 80 62 23 33	DISEASES OF PARTURITION. Abortion, Miscarriage Puerperal Mania Puerperal Convulsions Placenta Prævia, Flooding Phlegmasia Dolens Other Accidents of Childbirth	111111	- - 2 - 1	14 1 9 38 1 63		
Phlebitis Varicose Veins Other Dis. of Circul. System DISEASES OF RESPIRATORY SYSTEM.	1	2	5 2 31	1 1 21	7 3 55	DISEASES OF ORGANS OF LOCOMOTION. Caries, Necrosis Arthritis, Ostitis, Periostitis	12 3 15	25 7 34	19 5 16	3 7 6	
Laryngitis Croup Other Dis. of Larynx and Trachea Emphysema, Asthma	40 216 7 1642 982 20 57	10 24 2 3 70 178 15 11	15 - 5 27 777 712 55 43	1 20 913 315 25 12	67 240 15 50 3402 2187 115 123	Other Dis. of Organs of Locom.  DISEASES OF INTEGUMENTARY SYSTEM.  Carbuncle Phlegmon, Cellulitis Lupus Ulcer, Bed-sore Eczema Pemphigus Other Dis. of Integu. System	10 1 5 19 2	3 - 1	5 9 1 21 - 4	4 3 1 12 2 - 2	-
DISEASES OF DIGESTIVE SYSTEM. Stomatitis Dentition Sore-throat, Quinsy Dyspepsia Hematemesis Melæna Diseases of Stomach Enteritis Ulceration of Intestine	15 254 16 13 - 72 247	1 3 1 2 10 8 5	2 2 14 11 84 41 8	1 - 9 6 - 53 22 3	18 255 21 37 19 - 219 318 16	Accident of Negligence. Fractures, Contusions Gunshot Wounds Cut, Stab Burn, Scald Poison Drowning Suffocation Otherwise	23 	53 1 22 3 23 6 18	178 1 28 24 63 19 55	64 7 3 13 4 17	3
Heus, Obstruct. of Intestine Strict. or Strang. of Intestine	-	8	36 9	33 7	107 17	HOMICIDE. Murder, Manslaughter .	8	_	3	-	
Intussusception of Intestine Hernia Fistula Peritonitis Asscites Gallstones Cirrhosis of Liver Other Diseases of Liver Other Dis, of Digest, System	8 8 100 1 - 43 55		23 3 132 10 2 46 130 27		14 58 6 322 12 5 63 273 97	SUICIDE. Gunshot Wounds Cut, Stab Poison Drowning Hanging Otherwise	111111	1	4 12 8 3 14 2	1 2 - 1 2 1	13
DISEASES OF LYMPHATIC SYSTEM AND DUCTLESS						EXECUTION. Hanging	-	_	-	-	
GLANDS. Dis. of Lymphatic System . Diseases of Spleen . Bronchocele . Addison's Disease .	1 4 -		6 4 - 5	- - 1	8 9 -7	ILL-DEFINED AND NOT SPECIFIED CAUSES. Dropsy Debility, Atrophy, Inanition Mortification Tumour	15 834 5 3	-	45 47 7 13	23	1 8
DISEASES OF URINARY SYSTEM Acute Nephritis Bright's Disease Uræmia Suppression of Urine	27 6 1 3	23 24 -	129 12	3	105 204 16 10	Abscess	19	5 1 3	18 9 34 38	2 4 18	

# 32 V.—DEATHS from all Causes at Four Periods of Life Year 1886.

				_			m.													
		GI	ASC	ow			EDI	NBI	JRG	н.		D	UNI	DEE	7.0		AB	ERD	EE	N.
CAUSES OF DEATH.	0-5	5-20	20-60	60, etc.	Total.	9-0	5-20	20-60	60, etc.	Total.	0-5	5-20	20-60	60, etc.	Total.	9-0	2-30	09-08	60, etc.	Total.
ALL CAUSES	5594	1369	4128	2008	13099	1736	398	1589	1159	4882	1064	250	934	599	2847	777	198	603	653	2231
I. SPECIFIC FEBRILE OR ZYMOTIC DIS.	1366	270	160	42	1838	410	53	52	16	531	187	30	33	18	268	165	34	35	29	263
II. PARASITIC DIS	7	-	-	-	7	3	-	-	-	3	3	-	-	-	3	1	-	4	-	1
III. DIETETIC " .	8	-	30	6	44	10	-	21	3	34	3	-	6	-	9	5	-	-	-	1
IV. CONSTIT. " .	509	543	1306	143	2501	170	148	564	104	986	88	93	336	50	567	61	76	216	60	418
V. DEVELOP. " .	371	-	-	333	704	161	-	-	241	402	113	-	-	120	233	96	-	-	160	256
VI. LOCAL " .	2784	484	2274	1398	6940	846	166	853	761	2626	496	110	523	396	1525	360	72	315	387	1134
VII. VIOLENCE , .	76	45	214	43	378	44	30	76	21	171	42	13	23	13	91	18	12	30	11	71
VIII. ILL-DEFINED AND NOT SPEC. CAUSES	473	27	144	43	687	92	1	23	13	129	132	4	13	2	151	71	4	7	6	88
I.	1071	240	67		1900															
1. MIASMATIC DISEASES . 2. DIARRHŒAL ;, .	219	249 14	28	21	1396 282	303 82	49	18 10	7	375 100	57 114	22 8	9	10	90 140	98 51	27 2 1	14	22	141
3. MALARIAL ,, 4. ZOOGENOUS ,, .	1	_	-	1	1	_	_	-	1 -	1 -	-	-	-	-	=	3	1	=	1	4
5. VENEREAL ,, 6. SEPTIC ,,	51 21	7	9 56	3 11	63 95	16	3	19	3	21 34	14	-	1 15	6	15 23	11 2	3	1 12	5	13 22
II.					7															
PARASITIC DISEASES .	7		_			3	_	_	_	3	3	_			3	1				1
III. DIETETIC DISEASES .	8	-	30	6	44	10	-	21	3	34	3	-	6	-	9	5	-	-	-	5
IV. Constitutional Dis	509	543	1306	143	2501	170	148	564	104	986	88	93	336	50	567	61	76	216	60	413
V.	071			333	704	101			041							-				256
DEVELOPMENTAL DIS	371	_	_	000	104	161	_		241	402	113	_		120	233	96		_	160	200
VI.																			-3	
1. DISEASES OF NERVOUS SYSTEM	687	149	338	384	1551	205	54	170	108	627	114	35	92	110	354	88	17	64	100	277
2. ,, ORGANS OF SPECIAL	6	1	6	1	14		2	2	1			00	52	113				04	108	2
SENSE	14	55	466	259	794	4	26	223	194	9 447	1	15	121	77	214	1	10	85	96	191
4. ,, RESPIR. SYSTEM . 5. ,, DIGESTIVE SYSTEM 6. ,, LYMPHATIC SYSTEM AND DUCTLESS	1578 430	53	284	121	3226 888	487 122	18	238 96	68	1009 304	291 73		168 72	155 28	644 184	197 63	16	77 49	110	169
GLANDS	1 29	3 28	141	49	10 247	8	13	5 64	48	7 133	3	7	2 22	14	3 46	2	6	19	23	50
(a) DIS. OF ORGANS OF GENERATION . (b) DISEASES OF PAR-	-	1	27	5	33	1	-	22	1	24	-	-	13	2	15	-	1	5	4	10
9. ,, ORGANS OF LOCOMO-	-	2	61	-	63	-	-	14	-	14	-	-	17	-	17	-	1	12	-	13
10. ,, INTEGUMENTARY	17	31	22	5	75	5	9	6	3	23	5	12	6	3	26	2	4	2	2	10
SYSTEM	22	1	8	8	39	8	1	13	7	29	3	-	10	3	16	7	1	2	2	12

#### in Eight of the Principal Towns of Scotland. Year 1886.

	(	BRE	EN (	)CK			L	BIT	H.			PA	ISL:	EY.			P	BRT	H.		otal.
CAUSES OF DEATH.	j	02-9	99	60, etc.	Total.	ŗ	2-30	20-60	60, etc.;	Total.	9-0	02-30	20-60	60, etc.	Total.	9-0	2-30	30-60	60, etc.	Total.	Grand Total
ALL CAUSES	472	161	414	244	1291	582	109	328	267	1286	481	140	442	296	1859	140	46	202	191	579	27524
I. SPECIFIC FEBRILL OR ZYMOTIC DIS.	49	10	26	4	89	112	15	94	11	162	98	16	87	19	165	30	4	12	2	48	8864
II. PARASITIC DIS	1	-	۱ -	-	1	-	-	-	-	-	-	-	-	-		-	-	-	-	-	15
III. DIETETIC "	1	-	1	1	8	1	-	4	1	7	3	-	-	-	2	-	-	2	-	2	106
IV. CONSTIT. "	40	55	134	19	1	li	48	183	24		35		168	15	1	14	16	70	8	100	
V. DEVELOP. "	50	-	-	46	96	57	-	-	49	106	30		-	78	1 1	16	~	-	86		1954 14575
VI. LOCAL "	238	82			709	250	39 11	142 19	175	606 45	261 8	57 5	218	180 5		70 8	20 8		1 <b>32</b> 8	29	
VII. VIOLENCE "	9	7	24	9	49	9	11	13	6	74	Ů	٥	10	٠	"	ا	•	10	9		-
VIII. ILL-DEFINED AND NOT SPEC. CAUSES	89	7	6	4	106	44	1	6	1	52	52	8	9	2	66	7	1	3	5	16	1295
I.  1. MIASMATIC DINEASES  2. DIARRHCKAL  3. MALARIAL  4. ZUOGENOUS  5. VENTREAL  6. SEPTIC  7.	19 24 - - 8 8	-	11 5 - 4 6	1 2 - - 1		- 8	14 - - 1	7 8 - 3 11	8 8	96 8* - 11 17	46 89 1 - 5 2	1 - -	28 6 - 1	1 16 - - 2	62	- 8	3	4 9 - 1 5	1	14 19 - 9	
II. Parasitio Disbasns .	1	-	- 	_	1	-	_	-	_	-	-	-		<u>-</u>	_	-	-		_	-	18
III. Dirtric Direases	1	-	1	1	8	2	_	4	1	7	2	_	-	<u> </u>	9	-		2	_	2	106
IV.	40	56	7124	19	238	58	48	183	24	258	85	59	168	15	277	14	16	70	8	108	5848
V. DEVELOPMENTAL DIS	50	-	_	46	96	57	-	_	49	104	<b>3</b> 0	_	-	75	105	16	-	_	36	52	1954
VI.  1 DISEASES OF NERVOUS SYSTEM 2. ORGANS OF SPECIAL SENSE 4. CIRCUL SYSTEM 4. RESPIE SYSTEM 5. DIGESTIVE SYSTEM 6. DIGESTIVE SYSTEM	70 3 2 118 41	-	47 118	44		1 2 184	16 5 8 4	42 84	61 - 84 55 13	160 1 83 231 88	- 1 181	7 22	2 49 67	68 71 64 15	88 284	1 - 33	3	23 21	41 80 44 9		88 1972 6199
LYMPHATIC SYSTEM AND DUCTLESS GLANDS URINARY SYSTEM REPRODUCTIVE SYSTEM:—	- 8	-4	1 12	4	1 23	- 1	2	2 10	-1-	2 20	1 8	2	-8	-6	119	-	4	6	-6	16	24 554
(a) Dis. of Organs of Generation	_	_	_	_	-	_	_	8	1	4	1	-	2	-	8	-	-	1	_	1	90
(b) DISEASES OF PAR-	-	-	4	_	4	-	-	6	-	6	-	-	8	-	8	-	-	4	-	4	129
ORGANS OF LOCUMO-	-	4	1	-	5	-	8	-	2	6	1	8	1	-	5	-	-	2	1	8	152
A INTEGUMENTARY SYSTEM	1	-	3	-	4	2	1	1	2	б	1	_	1	1	3	_	-	3	1	8	112

# 34 DEATHS from all Causes at Four Periods of Life Year 1886.

		GL	Asgo	w.		E	DIN	TBU:	RGI	I.		DU	ND	EE.		1	ABE	RDI	EEN	
CAUSES OF DEATH.	0-5	5-20	20-60	60,etc.	Total.	9-0	5-20	20-60	60,etc.	Total.	9-0	5-20	20-60	60 etc.	Total.	9-0	2-30	20-60	60,etc.	Total.
VII.																				
1. ACCIDENT OR NEGLI- GENCE	74	44	196	40	354	39	30	66	19	154	42	13	23	13	91	17	12	23	10	6:
2. Homicide	2	-	1	-	3	5	-	-	-	5	-	-	-	-	-	1	-	1	-	
3. SUICIDE	-	1	17	3	21	-	-	10	2	12	-	÷	-	-	-	-	-	6	1	1
4. EXECUTION	-	-	-	-	-	-	-	-	-	-	~	-	-	-	-	-	-	-	-	
VIII.							-	-	_					<i>i</i>	_	_	_	_	_	
ILL-DEFINED AND NOT SPECIFIED CAUSES .	473	27	144	43	687	92	1	23	13	129	132	4	13	2	151	71	4	7	6	8
MIASMATIC DISEASES.																				
(Vaccinated Small-pox - Unvaccinated	1 =	-	1	1 1	1	-	-	-	-	-	-	=	-	-	-	- 1	-	=	=	1
(No statement Chicken-pox.	2		-	-	2	2	2	1 -	-	3 2	1	1 1	-	-	1	2	-	-	1	,
Measles	88	1	-	-	98	163	5	2	-	170	1 -	Ξ	-	-	1 -	10	1 -	-	0	100
Scarlet Fever	224	126	5 19	2	355 27	35	10	2	1	45	29	14	3	-	43	14	11	2 -	-	2
Relapsing Fever Influenza	5		1 -	=	5	-	-	-	-	-	-	- 1	=	1	ī	1	- 2	1	ī	1
Hooping-cough Mumps	657	-	-	-	710	58	1 -	-	-	59 - 53	8		-		8	58	7	1 2	-	6
Diphtheria	79	-	3 - 1	1 - 1	1 5	40 - 1	12	1 -	-	- 1	16	3	-	-	19	11	-	-	-	1
Simple and Ill-defined Fev Enteric Fever Other Miasmatic Diseases	15		36	2	90	4 -	18	12	4	38	2	4	6 -	1	13	2 -	5 -	7	-	1
DIARRHŒAL DISEASES.																				
Simple Cholera	210	14	2 26	21	271	81	1	10	7	99	1113	8	8	10	139	50	2	8	22	8
MALARIAL DISEASES.																				
Remittent Fever	-	-	=	ī	1	-	-	-	1	1	-	1 1	-	-	-	3 -	1 -	=	=	-
ZOOGENOUS DISEASES.																			1	
Hydrophobia Glanders	1	-	=	-	-	=	=	-	-	-	-	-	-	-	-	-	-	-	2	1
Splenic Fever	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1
of Vaccination .		-	-	-	1	-	_	-	-	-	-		_	_	_	-	_	-	-	-
VENEREAL DISEASES.	1															1			1	
Syphilis	51	1 -	7	2	60	16	-	5	-	21	14	-	1	-	15	11	-	-	-	1
Urethra	_	-	2	1	3	-	-	-	-	-	-	-	_	-	-	-	1	1	-	
SEPTIC DISEASES.																1			d	1
Phagedæna Erysipelas	1	9 8	16	10	48	9	2	7	2	20	2	-	4	5	11	1 -2	-	1	4	1
Pyæmia, Septicæmia		2 1		1	15	-			1	5 9	-	-	4 7	1		-	2	5 6	1	16

### in Eight of the Principal Towns of Scotland. Year 1886.

			_	_	-			_	-	_	T			-	-	1	_		_	_	1
CAUSES OF DEATH.	1	GRE	EN	OCK	Σ.		L	EIT	H.			PA	ISL	EY.			P	ERT	TH.		Grand Total.
	9-0	5-20	20-60	60,etc.	Total,	9-0	5-20	20-60	60,etc.	Total.	0-5	5-20	20-60	60,etc.	Total.	0-5	5-20	20-60	60, etc.	Total,	Grand
VII.  1. ACCIDENT OR NEG-																					
LIGENCE	9	6	23	8	46	9	11	16	6	42	8	5	12	5	30	3	5	9	8	25	804
2. Homicide	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	1	11
3. SUICIDE	-	1	. 1	1	3	-	-	3	-	3	-	-	3	-	3	-	-	3	-	3	52
4. EXECUTION	_	_	_	_	_	_	_	_		_		_	-	_	_	_		-	_		_
VIII.																					
ILL-DEFINED AND NOT SPECIFIED CAUSES .	89	7	6	4	106	44	1	6	1	52	52	3	9	2	66	7	1	3	5	16	1295
MIASMATIC DISEASES.																					
Small-pox . Unvaccinated	-	-	-	-	-	-	-	-	-		-	-	1 1	-	-		-	-	-	-	1 1
(No statement	-	-	-	-	-	1	-	1 -	-	2	-	-	=	-	-	-	-	-	-	-	6 7
Measles	1	-	-	-	1	60	2	-	-	62	4	_	-	_	4	1 -	-	-	-	1	348 4
Scarlet Fever	3	2	8	-	3 10	5	3	6	-	8	11	5	2 2	-	18	-	-	1	-	1	499 54
Relapsing Fever	-	-	-	ī	- 1	-	-	-	-	=	-	-	-	-	_	-	-	-	-	-	10
Hooping-cough	5	-	-	-	5	5	1	-	=	6	22	-	-	-	22	3	-	-	-	3	874 1
Diphtheria . Cerebro-Spinal Fever .	10	-	-	-	10	4	2	-	-	6	6	-	2	-	8	2	1	-	-	2	214
Simple and Ill-DefinedFev.	-	1	-	-	1	-	1	-	-	1	1	-	2	_	3	-	-	-	_	-	12
Enteric Fever Other Miasmatic Diseases	-	3	3		6	-	4		-	4	2	8	15	1	26	-	2	8	1	6	197
DIARRHŒAL DISEASES.																					
Simple Cholera Diarrhœa, Dysentery	1 23	1	5	2	31	27	-	3	×	38	39	1	6	16	62	16	-	2	ī	19	16 741
MALARIAL DISEASES.																					
Remittent Fever	-		-	-		1 1				-	1	-	-	-	1	- 1	-	-	-	_	5 2
ZOOGENOUS DISEASES.																					
Hydrophobia	-	-	-	-	-	-	-	-	-	-	=	-	-	-	=	-	-	=	-	-	-
Glanders	-	-	-	-	-	-	_	-	-	-	-	-	-	_	-	-	-	-	-	-	_
Cow-pox and other effects of Vaccination .	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1
VENEREAL DISEASES.																					
Syphilis Gonorrhea, Stricture of Urethra	3 -	-	2 2	-	5 2	8	-	3 -	-	11	5	-	1	-	5 1	8	-	1 -	-	9	187
SEPTIC DISEASES.																					
Phagedæna Erysipelas Pyæmia, Septicæmia Puerperal Fever	3 -	- 1 - 1	- 1 5	- 1 -	- 5 1 6	1 1 -	- 1 -	- 1 3 7	3 -	- 5 5 7	- 1 1 -	- 2 -	- 2 2 3	- 2 - -	- 5 5 8	1111	- - 1	- 1 4		- 1 5	101 45 76

#### DEATHS from all Causes at Four Periods of Life Year 1886.

		GL	ASG	w.		E	DIN	BU	RGI	I.		DU	ND:	EE.		,,,	ABE	RDI	EEN	
CAUSES OF DEATH.	9-0	5-20	20-60	60, etc.	Total.	9-0	5-20	20-60	60, etc.	Total.	9-0	5-20	20-60	60, etc.	Total.	0-5	5-20	20-60	60, etc.	Total.
PARASITIC DISEASES.  Thrush Other Dis. from Veg. Parasites Hydatid Disease Other Dis. from Animal Paras.	7	1111		1 1 1 1	7	1 2	1111	1111	1111	1 - 2	3 -	11115			3	1 -	1111	1.151.4	1111	1
DIETETIC DISEASES. Starvation, Want of Breast Milk Scurvy [Chronic Alcoholism Delirium Tremens.]	-	11111	1 1 20 8	5	10 1 25 8	10		18 3	3	10  21 3	3	1111	4 2		3 -4 2	5		11111	1111	5
Constitutional Diseases.  Rheu. Fever, Rheu. of Heart Rheumatism Gout Rickets Cancer Tabes Mesenterica Tuber. Mening. (Acute Hydro.) Phthisis Ot. forms of Tuberculosis, Scrof Purpura, Hæmorrhagic Diath. Anæmia, Chlorosis, Leucocyth. Diabetes Mellitus. Other Constitutional Diseases	61	12 2 4 2 65 43 362 49 2 2	18 10 	11 1 - 88 - - 30 1 - 3 2	36 23 1 21 258 247 202 1546 132 5 18 10	9 1 37 78 22 20 -	7 2 - 17 31 74 13 1 1	9 3 2 1 128 5 2 389 10 - 8 5 2	2 2 2 80 - 18 - 1 1	18 7 2 11 209 59 111 503 43 1 12 8 2	1 -4 32 31 7 12 1 -	1 - 1 - 8 9 66 6 6 2 - -	4 2 -1 54 -1 261 5 1 7	1 1 	7 3 -6 89 40 41 346 23 4 7 1	1 1 1 1 14 30 5 9 - -	2 - 1 - 5 8 48 10 1 - 1	5 2 - 1 34 1 2 165 3 - 1 2	-2 2 2 -38 16 -1 1	77 55 22 33 73 200 400 2344 222 2 2 3 3
DEVELOPMENTAL DISEASES.  Premature Birth	332 10 4 11 3 2 9	11111111		233	332 10 4 11 3 2 9 333	6 5 2 1 2 8	11111111		241	137 6 5 2 1 2 8 241	97 8 2 2 - 4 -	1111111	11111111	120	97 8 2 2 2 - 4 120	79 6 3 4 - 4 -	111111111	1100001	160	79 6 3 4 - 4 160
DISEASES OF NERVOUS SYSTEM.  Inflam of Brain or its Membranes Apoplexy Softening of Brain Hemiplegia, Brain Paralysis Paralysis Agitans Insanity, Gen. Par. of Insane Chorea Epilepsy Convulsions Laryngismus Stridulus Idiopathic Tetanus Paraplegia, Dis. of Spinal Cord Other Dis. of Nervous System.	282 6 - - 5 226 27 1 1 139	80 4 1 3 - 1 5 17 1 1 3 26	134 11	1 -3 1 8	400 288 39 263 4 2 1 28 246 28 3 32 217	7 - 1 - - 3 102 4 -	25 3 - 1 1 3 3 1 1 2 14	18 56 7 30 -11 -9 1 1 12 25	3 80 13 69 2 2 - 4 - - 8 17	96 146 20 101 2 13 1 19 106 5 2 22 94	43 1 -2 - - 2 47 2 1 1 15	26 	7 38 5 27 	2 53 9 44 	78 92 14 73  7 51 2 1 9 27	-	11 1	5 23 2 12 1 4 -7 -4 6	1 46 5 41 - 1 2 1 - - 5 6	50 71 7 54 1 1 5 4 9 41 1 1 1 10 23
DISEASES OF ORGANS OF SPECIAL SENSE.  Otitis, Otorrhea  Epistaxis and Disease of Nose Ophthalmia and Disease of Eye	4 - 2	1 -	4 1 1	1 -	10 1 3	2	2 -	1 1 -	1	4 4 1	5 -	111		1 -	61-	- 1 -	1	11.1	1.1.1	2 -

#### in Eight of the Principal Towns of Scotland. Year 1886.

SETTINGS	14 77	GRI	EN	ock	e in	шĸ	L	EIT	H.			PA	ISL	EY.			P	ERT	Ħ.		tal.
CAUSES OF DEATH.	9-0	5-20	20-60	60, etc.	Total.	0-5	5-20	20-60	60, etc.	Total	0-5	5-20	20-60	60, etc.	Total.	0-5	5-20	20-60	60, etc.	Total.	Grand Total.
Parasitic Diseases.																					
Thrush Other Dis. from Veg. Parasites Hydatid Disease Other Dis. from Animal Paras.	- -				1	1111					1111		1111	1111	1111	1 1 1 1			1111	1111	15
DIETETIC DISEASES.	,									0											
Starvation, Want of Breast Milk Scurvy Intemp. {Chronic Alcoholism Delirium Tremens .	1		1	- - 1	1 1 1	2	-	- 3 1	1	2 - 4 1		-			2			2 -	1111	2	32 57 18
177.																					
CONSTITUTIONAL DISEASES.																					
Rheu. Fever, Rheu. of Heart Rheumatism Gout Rickets Cancer Tabes Mesenterica Tuber. Mening. (Acute Hydro.) Phthisis Ot. forms of Tuberculosis, Scrof. Purpura, Hæmorrhagic Diath. Anæmia, Chlorosis, Leucocyth Diabetes Mellitus	1 - - 1 15 8 8 7 - -	3 - - 9 4 34 5 - -	3 - - 23 2 - 90 4 - 2	2 	9 - - 38 26 12 135 16 - 2	1 - 1 - 12 31 7 5 1 -	1 	2 1 - 21 2 103 2 - 2 -	16 16 1 	4 2 - 1 37 20 38 137 16 1 2	- - 2 - 13 18 4 3 - -	4 - - 2 6 41 3 - 2 1	9 - - 20 3 4 129 1 1 1	11 - 3 1	13 - - 2 31 18 23 177 8 1 3 1	777	1 13 1	1 1 - - 5 1 1 57 2 - 1 1	3 - 3 - 1	2 1 - 8 8 9 73 3 - 2 1	96 41 5 44 743 438 476 3151 263 14 48 24
Other Constitutional Diseases .	-	-	_		-	-	-		_	-	-	-	_	-	_	_		-	1	1	- 5
DEVELOPMENTAL DISEASES.																					
Premature Birth Atelectasis Cyanosis Spina Biflda Imperforate Anus Cleft Palate, Hare-lip Other Congenital Defects Old Age	40 4 3 1 - 2 -	11111111	1111111	- - - - - 46	40 4 3 1 - - 2 46	47 7 - 2 - 1 -		111111111	- - - - 49	47 7 - 2 - 1 49	29	11111111		75	29 1 - - - - 75	16	111111	1111111	36	16	777 42 17 22 4 4 28 1060
DISEASES OF NERVOUS SYSTEM.																					
Inflam. of Brain or its Membranes Apoplexy Softening of Brain Hemiplegia, Brain Paralysis Paralysis Agitans Insanity, Gen. Par. of Insane Chorea Epilepsy Convulsions Laryngismus Stridulus Idiopathic Tetanus Paraplegia, Dis. of Spinal Cord Other Dis. of Nervous System	44 	21 1 - 1 1 1 - - - 6 4	1 15 - 9 - 1 - 1 - 1 1 2	3 18 2 13 - - 1 - 1 - 1 4	69 34 2 23 - 2 1 2 11 4 1 9 20	5 2 - - - - 35 - 1 15	8 3 1 3 1	2 9 -7 - -3 2 - - - 2	2 22 6 23 - 1 - - - - 6 1	17 36 6 30 - 2 - 3 40 - 7 19	21 	11 1 6	1 16 - 15 - 3 - 5 - - 1 7	16 -42 	33 33 57 - 3 - 7 18 1 - 4 28	7 12 3	4 2 1	1 12 1 4 - 1 - 1 - 2 5	17 4 16 - - - - 3 1	12 29 5 20 - 1 - 15 - 5 10	755 729 98 621 7 28 7 75 528 41 8 98 438
DISEASES OF ORGANS OF SPECIAL SENSE.																					
Otitis, Otorrhea Epistaxis and Disease of Nose Ophthalmia and Disease of Eye	2 - 1	-			1	1 -		-		1 -		-	2 -	1.1.1		1 -		-		1 -	26 7 5

#### DEATHS from all Causes at Four Periods of Life Year 1886.

		GL	ASG	ow.		F	DII	NBU	RGI	H.		DU	ND	EE.		1	BE	RDI	EEN	
CAUSES OF DEATH.	9-0	5-20	20-60	60, etc.	Total.	9-0	5-20	20-60	60, etc.	Total.	05	5-20	20-60	0, etc.	Total.	9-0	5-20	20-60	60, etc.	Total.
DISEASES OF CIRCULATORY SYSTEM.																			16	
Endocarditis, Valvular Dis. Pericarditis Hypertrophy of Heart Angina Pectoris Syncope Aneurism Senile Gangrene Embolism, Thrombosis Phlebitis Varicose Veins Other Diseases of Circulatory System	7 1 - 4 - - 1 - 1	46 5 2 - 1 - 1 - -	389 8 10 3 18 12 2 13 1 -	204 4 11 5 15 3 4 7 - 6	646 18 23 8 37 16 6 21 2 -	3	21 3 2	163 4 9 3 13 15 - 3 2 1	141 7 7 5 8 6 - - 6	326 7 23 10 23 20 8 9 2 1	1	14	93 	58 7 1 3 3 1 1 1 2	166 - 22 2 5 9 1 1 2 1	1 1 1 1 1 1 1 1 1 1 1	7 3	61 3 7 2 2 6 - 1 - - 8	83 - 1 1 5 4	151 6 9 2 3 7 5 1
DISEASES OF RESPIRATORY SYSTEM.																				
Laryngitis Croup Other Diseases of Larynx and Trachea Emphysema, Asthma Bronchitis Pneumonia Pleurisy Other Diseases of Respiratory System	16 116 1 809 597 4 35	1 6 - 1 43 102 4	9 - 1 12 467 387 16 24	- 9 405 140 5	26 122 2 22 17:24 1226 29 75		- 8 1 - 9 19 6	1 - 4 87 118 19	- - 4 173 51 10	5 44 2 8 579 306 45 20	12 2 	1 1 - 7 21 -	1 - 2 - 89 63 9 4	1 - 98 51 2	6 13 5 -368 230 13 9	6 18 - 109 55 3 6	1 1 2 9 1	1 1 31 39 3	91 17 2	8 19 1 2 233 120 9
DISEASES OF DIGESTIVE SYSTEM.																		. 5	3	
Stomatitis Dentition Sore-throat, Quinsy Dyspepsia Hæmatemesis Melæna Diseases of Stomach Enteritis Ulceration of Intestine Heus, Obstruction of Intestine Strict, and Strang, of Intestine Intussusception of Intestine Intussusception of Intestine Hernia Fistula Peritonitis Ascites Gallstones Cirrhosis of Liver Other Diseases of Liver Other Dis. of Digestive System	3 2 - 75 - - - 22		7 6 - 444 23 2 21 5 1 12 2 2 588 9 - 18 68 8	1	107 13 18 9 - 117 148 5 47 9 5 25 25 3 172 9 1 13 117 148 3 17 2 17 17 18 18 18 18 18 18 18 18 18 18 18 18 18	1 37 2 2 2 - 6 34 - 9 - 3 4 - 8 - - 5 1 1	1 1 2 1 1 1 2 8 8 3 3	1 	12 11 18 11 10 11 11 11 11 11 11 11 11 11 11 11	2 38 2 8 1 -31 45 2 25 2 4 14 1 1 1 1 15 46 22	22 1 	2 1 1 6 1	1 1 1 4 4 4 5 5 - 1 25 - 1 7 14 5		22 1 1 1 1 - 15 31 4 13 1 1 3 1 2 9 27 17	7 16 2 1 - - 5 15 - - - 1 - - - - - - - - - -	1 - 2 - 1 - 8 2 1	1121221221996674		77 166 22 44 33 
DISEASES OF LYMPHATIC SYSTEM & DUCTLESS GLANDS.																				-
Diseases of Lymphatic System Diseases of Spleen Bronchocele		1 - 1	1 3 - 1	- - 1	5 - 3	2 - -	-	3 - 2	1111	3 2 - 2	1	1 1 1 1	- 2	1 1 1	1 - 2		1 - 1 - 1	3.1.1.1	1431	1111
DISEASES OF URINARY SYSTEM.																				
Acute Nephritis Bright's Disease Urræmia Suppression of Urine Calculus Hæmaturia Diseases of Bladder and of Frostate Other Diseases of Urinary System	19 3 - - 2 1 4	16 7 - - - 1 4	20 66 4 1 4 1 10 35	10 13 1 1 1 1 1 15	65 89 5 2 5 4 27 50	3 - 1 3 - - - 1	2 5 - 1 - - 5	6 24 2 2 1 8 21	3 14 1 1 1 1 20 7	14 43 4 4 4 2 28 34	1 1 1	1 3 3	3 11 3 2 - - 1	5 1 1 6 1	5 19 3 3 - 1 8 7	2	2 1 - - 1 2	2 8 1 1 7	1 5 - 1 3 1 7 5	7 14 1 1 3 1 9

#### in Eight of the Principal Towns of Scotland. Year 1886.

							1,	al.	10	900	•										
APRICE COLO.		GRI	EEN	OCE	ζ.		L	EIT	H.			PA	ISL	EY.		Г	P	ERT	H.		otal.
CAUSES OF DEATH.	0-5	5-20	20-60	60, etc.	Total.	9-0	5-20	20-60	60, etc.	Total.	0-5	5-20	20-60	60, etc.	Total.	0-5	5-20	20-60	60, etc.	Total.	Grand Total.
DISEASES OF CIRCULATORY SYSTEM.																					
Endocarditis, Valv. Dis. Pericarditis Hypertrophy of Heart Angina Pectoris Syncope Aneurism Senile Gangrene Embolism, Thrombosis Phlebitis Varicose Veins Other Dis. of Circulatory System	1 1	6	42 	39 	88 1 4 1 1 1 1 - - 1	1	5	31 - 3 4 - - - 3	28 - 3 - 1 1 1	65 -4 -5 -5 	1	7	38 -2 2 2 2 2 -1 1 1	22 4 1 - 3 1	68 -6 3 2 2 3 1 1 2	1111111111	3	17 1 - 4 1 - - -	28 1 - 1	48 1 1 - 4 2	1558 33 92 26 80 62 23 33 7 3
DISEASES OF RESPIRATORY SYSTEM.					10				,					,							07
Laryngitis Croup Other Dis. of Larynx and Trachea Emphysema, Asthma Bronchitis Pneumonia. Pleurisy Other Dis. of Respiratory System	5 7 - 53 45 - 8	3 1 - 1 3 13 1 1	4 - 2 46 55 3	1 37 15 1	12 8 4 139 128 5	2 16 1 77 36 1	1 - 4	1 2 11 18 2	1 - 1 33 17 3	4 18 3 3 121 75 6	3 11 1 92 22 -	5 6 8 3	- 6 38 22 -	1 - 2 49 12 -	1 8 185 64 3	1 18 14 -	2 2	- - 8 10 3	3 27 12 2	2 - 1 3 53 38 5	67 240 15 50 3402 2187 115
DISEASES OF DIGESTIVE SYSTEM.																					
Stomatitis Dentition Sore-throat, Quinsy Dyspepsia Hæmatemesis Melæna Diseases of Stomach Enteritis Ulceration of Intestine Heus, Obstruct. of Intest. Stric. or Strang. of Intest. Intussusception of Intest. Hernia Fistula Peritonitis Ascites Gallstones Cirrhosis of Liver Other Diseases of Liver Other Dis, of Digest. Syst.	9 1 1 18 	2 - 2 - 2 2 2 2 2	1 -2 -1 -5 1 	4 1 1 1 1 1 2 8 8 -	1 9 3 3 - 1 1 0 222 - 4 1 1 - 2 1 15 - 2 17 2	2 13 	1 1	3 1 1 1 1 1 4 4 3 1	1 1 2 2 2 2 4 -	2 13 3 - 5 28 2 6 6 - 4 - 4 10 3	45 2 13 3 3 2 1	111	2 - - - - - - - - - - - - - - - - - - -	1 - 2 4 - 1 2 - 3 - 1 1 1	45 	5 2 2 1 2 7 1 1 - - 1 1 1 - - 1 1	1		1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	5 3 1 5 3 3 7 1 7 1 1 1 3 3	18 2555 21 37 19 318 16 107 17 14 58 6 322 12 5 63 273 97
DIS. OF LYMPHATIC SYSTEM AND DUCTLESS GLANDS. DIS. of Lymphatic System	_	1	1		1			1		1					_	_	_	_	-	-	8
Diseases of Spleen Bronchocele Addison's Disease			1.1.1	-	-	-		1 -		1	1 -	1 1 1			1 -		-	-	-	-	9 7
DISEASES OF URINARY SYSTEM.													•								
Acute Nephritis Bright's Disease Ureemia Suppression of Urine Calculus Hæmaturia Dis. of Bladder and of Prostate Other Dis. of Urinary System	- 2 - - - - - 1	1 2 1	- - - - 5	1 2	2 10 2 - - - - 9	1	1 1	4 5 1	- - - - - 5	6 8 1 - - - 5	1 1 1	2	2 6	2 4	5 13 - - - - 1		3 1	1 3 2	1 3	1 8 - - - 1 6	105 204 16 10 12 8 78

#### DEATHS from all Causes at Four Periods of Life Year 1886.

3	-	GLA	LSGC	w.		E	DIN	BUI	RGH		1.5	DU	NDI	EE.		1	ABE	RDI	EN	
CAUSES OF DEATH.	0-5	5-20	20-60	60, etc.	Total.	0-5	5-20	20-60	60, etc.	Total.	0-5	5-20	20-60	60, etc.	Total.	0-9	2-50	20-60	60, etc.	Total.
DISEASES OF ORGANS OF GENERATION.																				
Ovarian Disease Diseases of Uterus and Vagina Disorders of Menstruation Pelvic Abscess Perineal Abscess Dis. of Testes, Penis, Scrotum, &c.	111111	- 1 - -	7 15 - 4 1 -	3 2	10 17 1 4 1	- 1 - - -	111111	8 8 1 3 - 2	1	9 9 1 3 - 2	111111	111111	2 11 - -	2	4 11 - -	111111	1	1 3 1	1 3	27 11
DISEASES OF PARTURITION.																		11		
Abortion, Miscarriage Puerperal Mania Puerperal Convulsions Placenta Prævia, Flooding Phlegmasia Dolens Other Accidents of Childbirth	111111	- - 1 - 1	2 - 1 23 - 35	111111	2 - 1 24 - 36	111111	111111	5 1 1 3 1 3	111111	5 1 1 3 1 3	111111	111111	2 - 3 2 - 10	111111	2 - 3 2 - 10	1117111	1	1 - 2 4 - 5	1111111	1 2 5
DISEASES OF ORGANS OF LOCOMOTION.																				
Caries, Necrosis	8 1 8	13 3 15	7 4 11	- 5 -	28 13 34	2 - 3	2 - 7	4 - 2	- 3	8 - 15	2 2 1	7 2 3	4 1 1	1 - 2	14 5 7	- - 2	1 - 3	2 -	2	2000
DISEASES OF INTEGUMENTARY SYSTEM.																				
Carbuncle Phlegmon, Cellulitis Lupus Ulcer, Bed-sore Eczema Pemphigus Other Dis. of Integument. Syst.	3 1 2 10 1 5	- - - - 1	2 2 - 4	2 - - 5 - - 1	4 5 1 11 10 1 7	1 - 4 1 2	1 -	1 3 1 7 - 1	1 1 1 3 -	2 5 2 11 4 1 4	1 1 1 -	1111111	2 1 - 6 - 1	- 2 - 1 - -	2 4 - 8 1 - 1	- 2 - 1 4 -	1	- - 1 - - 1	1 1 -	
ACCIDENT OR NEGLIGENCE.	-	-	-	_	-	_	-	-	-	-	-	_	-	_	-	-		-		-
Fractures, Contusions Gunshot Wounds Cut, Stab Burn, Scald Poison Drowning Suffocation Otherwise	13 - - 15 2 3 28 13	20 - 8 1 8 1 6	88 - 17 11 40 7 33	24 - 1 - 4 2 9	145 - 41 14 55 38 61	7 - - 7 - - 20 5	15 - 1 6 1 3 2 2	40 - 1 8 7 3 7	14 - - 2 1 - 1	76 -2 23 9 3 26 15	2 - 4 - 35 1	3  3  1 1 5	9 - 1 1 7 3 2	7 	21 - 1 8 1 10 40 10	- - 7 - 9 1	3 	7 - - 1 6 3 6	8 1 - 1	18
HOMICIDE.																				
Murder, Manslaughter	2	-	1	-	3	5	-	-	-	5	-	-	-	-	-	1	-	1	-	1
SUICIDE.  Gunshot Wounds Cut, Stab Poison Drowning Hanging Otherwise	111111	- - 1 -	1 3 2 3 8 -	1 - 1 1	2 3 2 5 9			1 2 3 - 3 1	2	1 4 3 - 3 1	111111	1111111	111111			1111111	111111	1 2 2 - 1	- - - 1	1 5 5 1 1 2
EXECUTION.	İ														-			1		16
Hanging	~	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
ILL-DEFINED AND NOT SPECIFIED CAUSES.																		7.0		
Dropsy Debility, Atrophy, Inanition Mortification Tumour Abscess Hæmorrhage Sudden (cause unascertained) Other III-def. & not spec. cause	2 - 8 5 13	12 7 - 2 1 - 5	30	12 - - 2 1 - 15 13	441 6 9 23 10 58	84 - 1 4 1 1	1	8 2 1 4 2 3 - 3	4 - 2 1 - 3 1 2	13 86 3 6 6 7 2 6	1 1 -	1 2 - 1 -	7 4 1 - 1	1	12 125 1 1 5 - 1 6	1 59 2 - 3 - 2 4	1 2 1	3 - 1 1 - 1 1	2 -1 1 -1 -1	61

#### in Eight of the Principal Towns of Scotland. Year 1886.

La Marie Art &		GRE	EN	ock			L	EIT	H.			PA	ISL	EY.			P	ERT	H.		Total.
CAUSES OF DEATH.	0-5	5-20	20-60	60, etc.	Total.	0-2	5-20	20-60	60, etc.	Total.	9-0	5-20	50-60	60, etc.	Total	9-0	5-20	20-60	60, etc.	Total.	Grand To
DISEASES OF ORGANS OF GENERATION.																					
Ovarian Disease Diseases of Uterus and Vagina Disorders of Menstruation Pelvic Abscess Perineal Abscess Dis. of Testes, Penis, Scrotum, &c.	111111	111111	111111	11111	111111	111111	111111	2 1	1 - - -	2	1	111111)	1 - 1	11111	1 1 - 1	111111	111111	1	111111	1	29 47 3 8 1 2
DISEASES OF PARTURITION.											_										
Abortion, Miscarriage Puerperal Mania Puerperal Convulsions Placenta Previa, Flooding Phlegmasia Dolens Other Accidents of Childbirth	11111	111111	- - 1 - 3	11111	- - 1 - 3	11111		1 - 1 - 4	111111	1 - 1 - 4	111111	111111	1 - 2 2 - 3	111111	1 2 2 - 3	111111	11111	2 - - 2 - -	1111111	2 - 2 - -	14 1 9 40 1 64
DISEASES OF ORGANS OF LOCOMOTION.																					
Carles, Necrosis	-	- - 4	1 -	-	1 - 4	1 1	1 1 1		1 - 1	2 1 2	- - 1	1 1 1	1 -	1 1 1	2 1 2	1.1.1	-	- - 2	1 -	1 - 2	59 22 71
DISEASES OF INTEGUMENTARY SYSTEM.															_						
Carbuncle Phlegn.on, Cellulitis Lupus Ulcer, Bed-sore Eczema Pemphigus Other Dis. of Integument. Syst.	1	1111111	- 1 - 2 - -	1111111	- 2 - 2 - - -	1 - 1 - -	1	- - - - - 1	1 - 1	1 1 - 3 - - 1	ī - - -	11111111	1	- - - 1 -	1 1 1 1	111111	111111	- 2 - - - -	- - 1 - -	1	9 22 3 41 21 2 14
ACCIDENT OR NEGLIGENCE.							_											_			
Fractures, Contusions Gunshot Wounds Cut, Stab Burn, Scald Poison Drowning Suffocation Otherwise	- - 2 - 1 6 -	4 - 1 - 1 -	13 - - 1 1 5 1 2	3 - 1 - 2 - 2	20 - - 5 1 9 7 4	- - 3 - 1 3 2	5 - 2 - 3 - 1	9 - 1 - 2 1 3	2 1 3	16 - - 6 1 9 4 6	1 - 4 - 2 1	1 2 - 2 - 2	5 - - 2 2 1 2	2 - - 2 - 1 -	9 - 6 2 5 3 5	- - 1 2	2 3	7 - - 1 1 -	4 - 1 - 1 - 2	13 - 1 1 6 2 2	318 -3 99 32 105 134 113
HOMICIDE.																					
Murder, Manslaughter	_	-	_	_	-	_	-	_	-	-	-	-		_		-	_		_	1	11
Gunshot Wounds	111111	1	1	- - 1	1 1 -	11111		1 1 - - 1 -	11111	1 1 - 1 - 1 -	111111		1 - 2 -	111111	- 1 - - 2 -	111111	111111	- 1 - - -	111111	- 2 1 - - -	6 14 8 5 16
EXECUTION.	_	_	_		_		_			_				-		-	_	_	_		
LL-DEFINED AND NOT SPECIFIED	-																				
CAUSES.  Dropsy Debility, Atrophy, Inanition Mortification Tumour Abscess Hæmorrhage Sudden (cause unascertained) Other Ill-def. & not spec. causes	1 78 - 1 - 2 1 6	3 2 - - - 2 -	2 1 1 - 1 - 1	3 1 1	9 81 1 1 2 4 7	1 37 1 - 2 - 2 1	1	1 3 2	1	2 38 2 - 2 - 5 3	50 - 1 - 1	1 1	2 2 - 1 1 2 - 1	1	4 58 1 2 2 2 2 - 2	4 3	1	- - - - - - 1	- - - 1 4	7 - - 1 8	101 894 17 23 44 22 74 120

## 42 VI—DEATHS from all Causes in Eight of the Principal

CAUSES OF DEATH.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Year.
ALL CAUSES	2372	2264	2908	2274	2389	2211	2109	2010	1963	1998	2381	2645	27524
I. SPECIFIC FEBRILE OR ZYMOTIC DISEASES II. PARASITIC III. DIETETIC IV. CONSTITUTIONAL IV. DEVELOPMENTAL IVI. LOCAL IVII. VIOLENCE VIII. ILL-DEFINED AND NOT SPECIFIED CAUSES	200 -9 427 175 1358 84 119	214 1 8 404 151 1325 62 99	252 2 1 567 229 1671 78 108	203 -6 472 175 1228 77 113	260 2 10 550 180 1196 83 108	266 	287 1 13 433 149 1041 74	345 1 9 412 118 944 77	337 2 11 379 146 925 46	330 2 14 340 131 1030 65 86	340 1 6 398 149 1300 80	330 3 10 435 179 1499 74 115	3364 15 106 5348 1954 14575 867
I,  1. Miasmatic Diseases 2. Diarrheal ,, . 3. Malarial ,, . 4. Zoogenous ,, . 5. Venereal ,, . 6. Septic ,, .	135 21 1 15 28	135 36 - 14 29	184 31 11 26	142 31 - 13 17	200 36 2 10 12	206 34 1 -6 19	161 102 1 12 11	205 112 - 12 16	137 165 1 19 15	220 88 - 12 10	250 59 1 - 8 22	257 42 1 13 17	2232 757 7 1 145 222
II. Parasitic Diseases .	-	1	2	-	2	_	1	1	2	2	1	3	15
III. DIETETIC DISEASES	9	8	1	6	10	9	13	9	11	14	6	10	106
IV. Constitutional Diseases .	427	404	567	472	550	531	433	412	379	340	398	435	5348
V. DEVELOPMENTAL DISEASES.	175	151	229	175	180	172	149	118	146	131	149	179	1954
VI.  1. DIS, OF NERVOUS SYSTEM 2. ,, ORGANS OF SPECIAL SENSE 3. ,, CIRCULATORY SYSTEM 4. ,, RESPIRATORY SYSTEM 5. ,, DIGESTIVE SYSTEM	300 2 171 638 161	263 8 175 620 158	361 4 210 792 179	301 4 165 529 148	323 3 173 463 154	276 1 172 402 140	303 2 146 324 190	256 	256 4 133 298 147	234 3 135 420 158	278 5 148 626 160	277 2 195 783 132	3428 38 1972 6199 1877
6. ,, Lymphatic System And Ductless Glands 7. , Urinary System . 8. ,, Reproductive Sys-	2 40	1 57	78	2 40	5 39	1 39	1 34	2 44	3 42	6 40	1 43	58	24 554
(a) Diseases of Organs of Generation . (b) Diseases of Partu-	9	7	6	5	13	6	9	5	7	8	5	10	90
9. ,, ORGANS OF LOCOMO- TION .	13 12	11	15	12	7	7 8	9	13 14	9	7	10	12 19	129
0. ,, Integumentary Sys- TEM	10	8	15	8	6	6	10	7	10	8	13	11	112

		-											
CAUSES OF DEATH.	January.	February.	March.	April	May.	June.	July.	August.	September.	October.	November.	December.	Year.
VII.  1. ACCIDENT OR NEGLIGENCE . 2. HOMICIDE 3. SUICIDE 4. EXECUTION	78 1 5 -	59 1 2 -	71 2 5	74 1 2	74 1 8	65	71 1 2	69	40 6	62 - 8 -	74 6	67 2 5	804 11 52
VIII.  ILL-DEPINED AND NOT SPECI- FIED CAUSES	119	99	108	113	108	108	111	104	117	86	107	115	1295
MIASMATIC DISEASES.  { Vaccinated   Vaccinat	1 1 - 2 4 5 - 48 81 - 2 17	12 1 25 8 - 1 56 - 18 1	3 1 30 20 5 - 1 88 - 14 - 3 19	1 1 1 84 6 6 - 63 - 12 - 11	- - - - - - - - - - - - - - - - - - -	168 31 3 1 78 1 8	1 87 82 1 1 72 6	- - 19 53 4 - 91 17 - 21	5 38 3 64 	7 76 5 3 98 19	1 20 -88 5 -1 75 -35 -2 288	1 47 2 70 3 - 2 79 26 - 2 25	1 1 6 7 348 4 499 54 1 10 874 1 214 3 12 197
DIARRHCEAL DISEASES. Simple Cholera	21	<b>8</b> 83	31	31	3 <del>6</del>	- 34	2 100	2 110	8 157	1 87	• • • • • • • • • • • • • • • • • • •	49	16 741
MALARIAL DIBRABES. Remittent Fever	- 1	-	-	-	2 -	1 -	-	-	1	-	1	ī	5 2
ZOOGENOUS DISEASES. Hydrophobia Glanders Splenic Fever Cowpox and other Effects of Vaccination		- - -	- - -		-	-	- - 1	-	111	-			- - 1
VENEREAL DIBRASES, Syphilis	14	1 <b>3</b>	11	11 2	10 -	6	11 1	12	19	10 2	8 -	12 1	1 <b>3</b> 7
SEPTIC DISRASES, Phagedema Bryspelas Pyzmia, Septiczemia Pucrperal Fever	16 1 1	18 2 9	11 4 11	10 3 4	- 5 4 8	- <b>33</b> 88	- 6 3 2	7 4 5	5 4 6	- 6 1 3	- 7 6 9	7 5 5	101 45 76

CAUSES OF DEATH.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Year.
PARASITIC DISEASES.  Thrush Other Dis. from Veg. Parasites Hydatid Disease Other Dis. from Animal Para.	1 - 1 -	1 - -	2 -	1 1 1	- - - 2	1111	1 -	1 - -	2  -	2 - - -	1 - -	2 1 - -	12 1 2
DIETETIC DISEASES.  Starvation, Want of Breast Milk Scurvy Chronic Alcoholism Delirium Tremens	- - 8 1	8 - 5 -	- 1 -	3 - 3 -	4 - 6 -	2 - 5 2	3 - 9 1	2 1 2 4	7 . 3 1	7 7 -	- 2 4	2 6 2	33 1 57 15
CONSTITUTIONAL DISEASES. Rheumatic Fever, Rheumatism of Heart Rheumatism Gout Rickets Cancer Tabes Mesenterica Tubercular Meningitis (Acute Hydrocephalus) Phthisis Other forms of Tuber. Scrofula Purp., Hæmorrhagic Diathesis Anæmia, Chl., Leucocythæmia Diabetes Mellitus Other Constitutional Diseases	8 2 1 3 50 41 39 266 12 - 4 - 1	9 7 - 3 45 20 52 249 17 - - 2	10 8 2 5 72 41 52 840 26 4 10 2	13 7 -4 61 43 42 268 25 1 4	4 4 1 5 71 54 321 29 2 4	10 3 -6 70 48 51 298 34 25 4	9 3 64 41 81 253 22 2 2 1	4 4 1 3 54 35 49 240 18 - 2	5 1 3 55 39 28 217 23 1 4	5 1 - 3 64 25 20 198 18 - 4 - 2	7 3 69 22 250 16 1 2 3	12 3 68 29 36 251 22 1 7 2	96 41 5 44 743 438 476 3151 263 14 48 24 5
DEVELOPMENTAL DISEASES.  Premature Birth . Atelectasis . Cyanosis . Spina Bifida . Imperforate Anus . Cleft Palate, Harelip . Other Congenital Defects . Old Age .	60 3 1 3 - - 2 106	50 - - 8 - 1 4 93	86 8 1 1 1 1 1 1 131	67 3 3 4 - - 2 96	69 4 8 1 - - 3 100	79 7 - 8 1 - 4 78	65 5 1 1 - 2 75	50 2 2 2 2 1 2 59	6] 5 - 1 1 1 77	66 2 - - - 2 61	55 1 2 2 - 1 2 86	69 4 2 2 1 - 3 98	7777 42 17 22 4 4 28 1060
DISEASES OF NERVOUS SYSTEM.  Inflammation of the Brain or its Membranes Apoplexy Softening of Brain Hemiplegia, Brain Paralysis Paralysis Agitans Insanity, General Par. of Insane Chorea Epilepsy Convulsions Laryngismus Stridulus Idiopathic Tetanus Paraplegia, Dis. of Spinal Cord Other Diseases of Ner. System	61 63 10 54 - 1 11 47 3 1 8	58 59 6 58 1 2 - 4 85 3 1 11 25	64 81 7 79 1 6 2 3 47 10 1 7 53	63 59 9 50 1 8 1 6 56 7 - 5	91 55 7 59 - 2 - 5 52 5 1 6 40	57 66 8 41 - 3 - 6 41 - 11 43	75 62 7 49 - 3 - 5 46 - - 11 45	69 51 8 39 - - 8 35 2 1 7	522 65 6 48 1 - 7 42 - 1 34	44 54 12 44 2 1 - 5 33 4 2 12 21	69 62 4 49 1 2 1 6 44 2 - 14 24	52 52 9 51 1 4 2 9 50 5 1 5 36	755 729 93 621 7 28 7 75 528 41 8 98
DISEASES OF ORGANS OF SPECIAL SENSE. Otitis, Otorrhoza. Epistaxis and Disease of Nose Ophthalmia and Disease of Eye	1 -	4 2 2	4 -	3 - 1	2 1 -	1 -	1 1 -	11 11	4 -	2 1 -	2 2 1	2 - -	26 7 5

## Towns of Scotland during each Month of the Year 1886. 45

CAUSES OF DEATH.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Total.
DIS. OF CIRCULATORY SYSTEM. Endocarditis, Valvular Diseases Pericarditis Hypertrophy of Heart Angina Pectoris Syncope Aneurism Senile Gangrene Embolism, Thrombosis	3 9 1 13 5 3 7	140 3 9 2 10 5 2	168 3 13 - 8 5	130 5 11 1 1 8 3 3	129 4 11 4 9 4 3 3	133 4 5 1 9 7 3 3	116 2 2 2 6 8 1 5	125 1 4 1 6 3 1 2	115 2 6 2 3 2 1	103 7 3 2 8 3 3	123 4 5 2 5 2 1 2	153 2 10 7 8 5 2 2	1558 33 92 26 80 62 23 33
Phlebitis Varicose Veins Other Diseases of Cir. System	1 1 5	4	1 9	3	1 1 4	6	4	6	$\frac{1}{2}$	5	4	3 - 3	7 3 55
DIS. OF RESPIRATORY SYSTEM.  Laryngitis Croup Other Dis. of Larynx & Trachea Emphysema, Asthma Bronchitis Pneumonia Pleurisy Other Diseases of Resp. System	7 12 1 10 391 204 9 4	5 23 2 6 345 222 14 3	10 22 2 6 474 262 10 6	4 16 3 5 294 200 5 2	18 3 3 241 183 10 1	6 15 1 3 192 178 5 2	4 9 3 155 139 6 8	6 13 1 1 155 117 6 5	18 4 144 120 6 4	7 31 1 2 216 150 11 2	6 37 1 4 345 170 18 45	6 26 3 450 242 15 41	67 240 15 50 3402 2187 115 123
DISEASES OF DIGESTIVE SYSTEM. Stomatitis Dentition Sore-throat, Quinsy Dyspepsia Hæmatemesis	3 25 3 1 3	5 31 4 1 3	1 30 2 2 2 2	1 19 - 6 1	4 23 - 3 1	1 15 - 1	25 4 7 2	20	17 1 6 2	15 2 2 1	17 3 1	3 18 2 4 2	18 255 21 37 19
Melæna Diseases of Stomach Enteritis Ulceration of Intestine Ileus, Obstruction of Intestine Stricture or Strang, of Intestine Intussusception of Intestine Hernia Fistula Peritonitis Ascites Gallstones Cirrhosis of Liver Other Diseases of Liver Other Dis, of Digestive System	2 1 5 - 28 3 - 7 29	15 19 5 5 1 34 1 1 4 22 7	27 23 1 18 1 1 7 1 31 1 1 3 22 5	21 24 1 12 2 1 3 1 22 1 4 17 12	15 16 1 11 11 11 19 5 33 11	18 19 2 6 2 3 2 3 2 3 1 1 6 18 14	22 30 7 4 2 4 1 35 - 10 23 14	22 37 13 1 2 1 20 4 1 3 17 6	17 39 5 7 1 1 5 - 23 17 3	16 34 4 5 1 1 5 27 1 6 31	17 27 29 2 1 6 - 34 - 1 10 24 5	16 24 - 9 1 3 3 - 19 - 2 20 6	219 318 16 107 17 14 588 6 322 12 5 63 273 97
DISEASES OF LYMPHATIC SYSTEM AND DUCTLESS GLANDS,		•										-	
Diseases of Lymphatic System Diseases of Spleen Bronchocele Addison's Disease	1	1	-	1	1 2 - 2	1	1	- 2	1 -	2 3 - 1	1	1 1 1 1	8 9 - 7
DISEASES OF URINARY SYSTEM. Acute Nephritis Bright's Disease Uræmia Suppression of Urine Calculus Hæmaturia Dis. of Bladder and of Prostate Other Dis. of Urinary System	5 15 1 1 1 1 - 4 13	14 21 1 2 13 6	17 26 1 4 3 3 10 14	7 13 1 - 2 2 5 10	5 15 3 3 - 8 5	7 13 1 - 8 10	8 12 1 1 7 5	9 18 1 - - 5 11	5 22 - 2 1 - 2 10	13 10 1 2 1 5 8	7 14 3 - 1 5 13	8 25 2 - 1 - 6 16	105 204 16 10 12 8 78 121

# DEATHS from all Causes in Eight of the Principal Towns of Scotland during each Month of the Year 1886.

CAUSES OF DEATH.	January.	February.	March.	April.	May.	June,	July.	August.	September.	October.	November.	December.	Year.
DIS. OF ORGANS OF GENERATION.													
Ovarian Diseases Diseases of Uterus and Vagina Disorders of Menstruation Pelvic Abscess Perineal Abscess Dis. of Testes, Penis, Scrotum, &c.	4 4 - 1 -	2 3 - 1 - 1	2 4	1 1 - 3	2 9 1 - 1	3 2 - 1 -	2 5 1 1 -	3	6	4	2 2 1	4 1 - 1	29 47 3 8 1 2
DISEASES OF PARTURITION.													1
Abortion, Miscarriage Puerperal Mania Puerperal Convulsions Placenta Prævia, Flooding Phlegmasia Dolens Other Accidents of Childbirth	3 - 9	2 1 8	1 5 - 8	- - 6 - 6	2 - 3 - 2	4 - 3	1 3 2 - 3	1 4 - 8	1 1 2 - 4	5 - 5 - 1	3 3 - 4	3 - 1 - 8	14 1 9 40 1 64
DIS. OF ORGANS OF LOCOMOTION.												177	-
Caries, Necrosis Arthritis, Ostitis, Periostitis . Other Dis. of Organs of Loco.	4 3 5	7 3 7	3 - 8	5 1 8	2 2 6	3 - 5	4 3 6	4 3 7	8 4 4	3 1 3	5 1 5	11 1 7	59 22 71
DIS. OF INTEGUMENTARY SYSTEM.												100	111
Carbuncle Phlegmon, Cellulitis Lupus	1	- 1 1	$\begin{array}{c}2\\2\\1\end{array}$	$\frac{1}{2}$	-	3	3	1	1 -	1 3 -	4	2	9 22 3
Ulcer, Bedsore	5 2 - 2	2 2 - 2	3 3 1 3	2 2 - 1	2	3 -	1 - 1	$\frac{2}{2}$	5 2 1 1	3	6	1 - 2	41 21 2 14
Accident or Negligence.						-	-				_		
Fractures, Contusions Gunshot Wounds Cut, Stab Burn, Seald Poison Drowning Suffocation Otherwise	31 - 6 2 13 16 10	17 - - 8 2 8 15 9	26 	28 - 15 2 8 9 12	31 - 7 2 9 14 11	29 - - 3 2 12 7 12	31 2 6 3 12 11 6	26 1 5 3 12 7 15	18 - 4 2 3 7 6	27 - 6 6 7 9 7	28 - 14 4 7 14 7	26 - 12 1 5 16 7	318 - 3 99 32 105 134 113
HOMICIDE. Murder, Manslaughter .	1	1	2	1	1		1	2		_	_	2	11
Suicide.	-											-	
Gunshot Wounds Cut, Stab Poison Drowning Hanging Otherwise	- 1 1 - 3 -	ī 1 -	1 1 1 1 1	- 1 - 1	2 1 2 - 3 -	ī ī	1 - - - 1	- 2 1 - 3 -	1 3 1 1 -	1 1 1	2 1 1 1 1	2 - 2 1	6 14 8 5 16 3
EXECUTION.												1	
Hanging		-	-	-	-	-	-	-	-	-	-	70 8	+
CAUSES. Dropsy Debility, Atrophy, Inanition Mortification Tumour Abscess Hæmorrhage Sudden (Cause unascertained)	10 80 2 2 4 2 6	10 64 2 2 3 - 3	10 72 - 4 5 4 3	6 71 2 2 6 2 9	5 78 3 1 6 2 6	9 79 1 4 2 3 2	11 73 1 4 2 1 7	5 84 - 2 3 6	5 85 - 3 6 2 4	9 56 5 - 4 3 5	6 82 - 3 - 9	15 70 1 1 1 1 1	101 894 17 23 44 22 74
Other Ill-defined and not speci- fied Causes	13	15	10	15	7	8	12	4	12	4	7	13	120

								M.	ALE 1	BIRTI	I8.					Total Male
				Jan.	Feb.	Mar.	Apr.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Births.
Glasgow .	•			893	814	939	947	889	849	841	838	796	814	771	795	10186
Edinburgh				842	289	820	830	314	335	814	305	320	327	815	880	3841
Dundee .				221	194	225	203	231	223	202	193	188	186	196	208	2460
Aberdeen .				181	155	178	213	164	189	177	152	162	181	178	142	2072
Greenock .				126	99	129	110	105	125	122	98	92	116	92	118	1827
Leith .				82	70	182	113	76	104	90	98	85	88	129	95	1162
Paisley .				92	92	115	96	110	98	105	88	79	83	98	98	1149
Perth .				46	37	43	40	35	39	42	49	27	37	55	40	490
Total, 1886	•			1983	1750	2081	2052	1924	1962	1893	1821	1744	1832	1834	1811	22687
Total, 1885	•	•	•	1981	1691	1945	1969	1794	1959	1871	1817	1778	1923	1765	1892	22385
Total, 1884	•	•		1939	1829	1939	2076	2076	1987	2047	1827	1987	2018	1760	1984	23469
Total, 1883 .				2033	1685	1828	1988	2024	1842	1944	1816	1617	1906	1795	1885	22258
Total, 1882	•			1834	1700	2073	1848	2134	1930	1886	1747	1691	1912	1727	1795	22277
Total, 1881	•	•	•	1765	1674	1895	1981	2061	1935	1832	1867	1730	1876	1706	1823	22145
Total, 1880	•			1908	1712	2024	1958	1996	2038	1820	1776	1662	1662	1710	1761	22017

						FE	WALE	BIR	THS.					Total Female
		Jan.	Feb.	Mar.	Apr.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Births
Glasgow .		821	750	917	841	824	879	825	798	752	796	696	777	9676
Edinburgh		287	280	319	303	313	313	307	301	284	301	291	300	3599
Dundee .		207	169	212	192	211	227	180	207	204	196	182	188	2375
Aberdeen .		151	143	163	147	158	182	165	161	152	180	157	158	1917
Greenock		103	109	106	108	116	109	104	76	77	79	89	97	1173
Leith .		115	81	81	101	97	95	87	87	90	95	95	91	1115
Paisley .		97	93	89	100	100	90	105	82	80	90	95	101	1122
Perth .		40	24	32	40	53	44	32	36	40	31	44	34	450
Total, 1886		1821	1649	1919	1832	1872	1939	1805	1748	1679	1768	1649	1746	21427
Total, 1885		1849	1639	1813	1873	1832	1897	1814	1661	1692	1801	1666	1878	21415
Total, 1884		1847	1646	1810	1891	2038	2028	1853	1658	1798	1866	1656	1804	21895
Total, 1883		1962	1625	1712	1833	1932	1819	1791	1728	1511	1816	1640	1702	21071
Total, 1882		1851	1578	1848	1730	2088	1884	1747	1711	1627	1800	1767	1649	21270
Total, 1881		1720	1576	1766	1754	1898	1846	1756	1771	1635	1760	1617	1685	20784
Total, 1880		1773	1546	1887	1917	1944	1913	1750	1673	1587	1553	1668	1658	20869

						3	BIRTI	IS—B	OTH 8	EXE	<b>3</b> .				Total
			Jan.	Feb.	Mar.	Apr.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Births
Glasgow .			1714	1564	1856	1788	1718	1728	1666	1636	1548	1610	1467	1572	19862
Edinburgh			629	569	639	633	627	648	621	606	604	628	606	630	7440
Dundee .			428	363	437	395	442	450	382	400	387	382	378	391	483
Aberdoen .			382	298	341	360	822	371	842	318	314	861	335	800	8989
Greenock .			229	208	285	218	221	234	226	174	169	195	181	210	2500
Leith .			197	151	213	214	173	199	177	185	175	183	224	186	2277
Paieley .			189	185	204	196	210	188	210	170	159	178	193	194	227
Perth .		•	86	61	75	80	88	83	74	85	67	68	99	74	94
Total, 1886		•	3804	3896	4000	3:84	3796	3901	3698	8569	8428	3600	3483	8557	4411
Total, 1885			3880	3380	8758	3842	3626	3856	3685	3478	3470	8724	8481	3770	4380
Total, 1884			8786	3475	3947	3967	4114	4015	3900	3485	8785	8884	3416	3788	4536
Total, 1883		•	8995	8810	3540	3766	8956	8661	8785	3544	3128	8722	3435	3537	4382
Total, 1882			3685	3273	3916	3578	4222	3814	8638	3458	3318	8712	8494	3444	4354
Total, 1881			3485	3250	3661	3785	3959	3781	3588	3638	8865	8636	3328	3508	4292
Total, 1880	_		3681	3258	8911	8870	3940	8946	8570	3449	3249	8215	8378	3419	4288

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#### 48 VIII.—ILLEGITIMATE BIRTHS IN EIGHT TOWNS—1886.

	Jan.	Feb.	Mar.	Apr.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Total.
Glasgow	185	152	144	189	117	147	133	119	141	123	119	126	1895
Edinburgh	55	50	68	55	51	55	52	58	40	58	49	52	628
Dundee	45	49	88	45	41	42	35	87	88	40	50	85	495
Aberdeen	48	87	53	50	85	29	39	87	80	38	42	36	459
Greenock	12	11	18	9	10	16	18	14	8	12	14	15	147
Leith	11	10	6	7	11	11	10	10	10	16	10	14	126
Paisley	18	13	8	7	10	10	16	10	8	13	8	11	127
Perth	10	4	6	9	9	7	10	13	7	5	4	4	88
Total, 1886	324	826	881	321	284	817	298	293	282	800	296	298	3665
Total, 1885	356	307	804	888	317	808	388	302	308	316	299	828	3906
Total, 1884	<b>331</b>	254	274	274	880	810	824	313	856	308	258	812	3639
Total, 1883	866	277	262	305	807	844	804	271	259	299	270	803	3567
Total, 1882	300	252	318	257	360	286	286	256	270	297	814	296	8493
Total, 1881	802	287	261	272	844	321	842	289	259	277	251	287	3492
Total, 1880	290	267	315	280	315	840	286	286	256	283	290	262	8470
Total, 1879	325	268	316	829	820	309	823	814	808	822	250	309	3688
Total, 1878	811	261	328	822	332	274	817	812	279	848	281	299	3659
Total, 1877	386	258	280	282	297	322	386	297	267	356	290	891	8687
Total, 1876	322	322	308	266	889	810	333	298	276	806	318	<b>3</b> 16	8704

#### IX.-MARRIAGES IN EIGHT TOWNS-1886.

				Jan.	Feb.	Mar.	Apr.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Total
Glasgow .	•			626	288	338	290	257	563	562	214	295	270	480	365	4478
Edinburgh				269	114	122	127	92	329	212	227	153	147	205	216	2213
Dundee .				158	43	60	65	56	95	189	54	52	84	59	81	946
Aberdeen .				97	44	47	50	49	122	104	57	65	56	81	89	861
Greenock .			٠.	54	22	81	82	19	52	52	84	86	24	48	88	433
Leith .				58	80	28	85	17	63	81	41	28	87	56	47	· 466
Paisley .				69	27	30	46	27	53	47	68	23	30	44	89	498
Perth .				88	9	24	11	9	35	81	18	7	14	27	21	239
Total, 1886				1359	527	680	656	526	1812	1178	738	G59	662	945	891	10133
Total, 1885	•			1384	596	648	824	432	1832	1143	671	G69	706	897	905	10157
Total, 1884				1444	621	657	913	440	1414	1241	642	752	726	842	1000	10692
Total, 1883				1605	572	602	984	515	1460	1289	661	711	794	950	1158	11246
Total, 1882				1528	618	680	768	581	1360	1224	709	686	839	984	983	10760
Total, 1881				1514	506	645	662	584	1228	1085	762	705	850	984	965	10610
Total, 1880				1252	545	686	686	587	1276	1049	710	614	639	964	837	9745
Total, 1879		•		1308	526	584	665	474	1254	988	685	619	686	888	897	9469
Total, 1878				1847	548	594	701	486	1277	1181	645	704	650	842	850	9725
Total, 1877			•	1864	570	597	776	471	1545	1246	677	639	771	948	1115	10719
Total, 1876				1479	652	622	628	519	1449	1199	689	657	796	981	1135	10756

				1				M	ALE I	EAT	HS.					Total Male
				Jan.	Feb.	Mar.	Apr.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Deaths.
Glasgow .				574	568	721	514	619	515	467	456	477	485	582	652	6630
Edinburgh				156	168	267	189	197	237	202	188	159	181	232	286	2412
Dundee .				124	122	132	104	96	113	88	87	87	104	108	122	1287
Aberdeen .				80	97	93	98	83	81	78	85	70	83	104	98	1045
Greenock .				64	50	71	66	47	51	53	49	48	86	88	60	683
Leith .				44	42	58	57	63	55	56	62	50	58	47	50	637
Paisley .				52	49	80	87	49	50	56	69	45	54	57	65	663
Perth .				24	23	82	21	81	27	25	15	21	21	22	25	287
Total, 1886	•			1118	1119	1454	1081	1185	1129	1025	1011	957	1017	1190	1808	13594
Total, 1885			•	1610	1147	1825	1284	1083	1141	981	1074	901	972	1142	1219	18829
Total, 1884				1216	1151	1212	1246	1244	1172	1178	1099	1135	1162	1246	1609	14670
Total, 1883				1478	1293	1459	1431	1445	1260	1055	1102	990	1069	1198	1135	14910
Total, 1882		•		1136	1101	1164	1144	1247	1130	1156	1058	1021	1100	1178	1469	13894
Total, 1881		•		1499	1179	1273	1153	1127	1058	981	1050	869	1128	1044	1180	18541
Total, 1880				1310	1139	1441	1338	1842	1202	1075	1075	1008	1131	1294	1206	14556

								FEI	CALE	DEA:	THS.					Total Female
				Jan.	Feb.	Mar.	Apr.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Deaths
Glasgow .	·-			579	552	720	544	538	506	465	434	453	501	529	648	6469
Edinburgh				220	192	238	209	230	197	207	195	173	165	228	221	2470
Dundes .				168	139	155	131	187	111	132	105	110	82	128	162	1560
Aberdeen .				102	92	104	111	97	94	89	87	105	81	118	106	1186
Greenock .				57	53	79	53	58	58	44	55	46	38	49	73	658
Letth .				46	89	58	50	63	56	52	39	47	43	55	51	599
Painley .				54	56	72	65	54	47	70	68	<b>6</b> 8	47	60	50	696
Perth .			•	28	22	28	30	27	18	25	21	14	24	29	26	292
Total, 1886	•	•		1254	1145	1454	1198	1204	1082	1084	999	1006	981	1191	1837	18980
Total, 1885	•			1561	1274	1289	1179	1140	1119	1045	1011	921	1011	1139	1338	14027
Total, 1884				1198	1131	1151	1267	1267	1100	1189	1049	1180	1161	1226	1689	14558
Total, 1883		•		1516	1287	1449	1418	1335	1287	1124	1102	964	1116	1148	1138	14884
Total, 1882				1220	1059	1169	1123	1213	1100	1036	1057	1009	1097	1247	1532	18862
Total, 1881				1718	1245	1812	1202	1153	1044	919	983	911	1008	1083	1135	18708
Total, 1880				1284	1210	1360	1278	1293	1082	1100	1068	1007	1131	1291	1183	14287

					DEATHS-BOTH SEXES.											Total
	10 ho or 1	Jan.	Feb.	Mar.	Apr.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Deaths.		
Glasgow .		1	1.	1158	1120	1441	1058	1157	1021	932	890	930	986	1111	1300	13099
Edinburgh	3		9.	376	360	505	398	427	434	409	383	332	346	455	457	4882
Dundee .				292	261	287	235	233	224	220	192	197	186	236	284	2847
Aberdeen .	,	-0-		182	189	197	204	180	175	167	172	175	164	222	204	2231
Greenock .		-		121	103	150	119	105	104	97	104	94	74	87	133	1291
Leith .				90	81	116	107	126	111	108	101	97	96	102	101	1236
Paisley .	-	٧.		106	105	152	102	103	97	126	132	103	101	117	115	1359
Perth .				52	45	60	51	58	45	50	36	35	45	51	51	579
Total, 1886	4	16.	Ņ.,	2372	2264	2908	2274	2389	2211	2109	2010	1963	1998	2381	2645	27524
Total, 1885	Ñ.	a.	1.	3171	2421	2614	2413	2223	2260	2026	2085	1822	1983	2281	2557	27856
Total, 1884		, .		2414	2282	2363	2513	2511	2272	2367	2148	2315	2323	2472	3248	29228
Total, 1883				2989	2580	2908	2849	2780	2547	2179	2204	1954	2185	2346	2273	29794
Total, 1882				2356	2160	2333	2267	2460	2230	2192	2110	2030	2197	2420	3001	27756
Total, 1881	1	Ti-	0.	3212	2424	2585	2355	2280	2102	1900	2033	1780	2136	2127	2315	27249
Total, 1880	-	11.	5.	2594	2349	2801	2616	2635	2284	2175	2143	2010	2262	2585	2389	28843

XI.—ABSTRACT of the METEOROLOGY in Eight of the Principal Towns of Scotland during the several Months of the Year 1886.

Mean Height above the Sea-level, 123 feet. Mean Latitude, 56° 12. Mean West Longitude, 8° 30'.

																-
	Pres	lean sure on re foot.	쳝	2.64	1:55	2.32	2.56	1-91	<b>3</b> ·01	2.16	1.81	1-90	1:48	1.74	1-60	1.96
		Variable. Calm or		•	-	-	-		-	-	_	-	-	~	89	2
	딬	M.W.		+	8	64	01	61	•	100	-	-	-	*	w	22
	certa	₽		<b>30</b>	10	•	•	10	2	2	7	•	*	•	6.	2
WINDS.	Number of Days it blew in certain Directions.	8W		*	8	10	10	8	*	*	-	9	*	1	•	19
▶	ys it b	<b>80</b>		•	~	•	-	01	-	~	~	**	~	-	-	=
	of Da Du	SE		•	*	•	~	•	•	•	84	04	49	•	~	8
	mper	B		49	<b>∞</b>	7	~	•	*	8	8	9	6.	*	8	2
	ž	NE		•	8	84	*	4	64	-	7	69	<b>~</b>	-	24	25
		z		4	-	~	CI	-	-	-	۰	7	-	67	4	8
RAIN.	An	nount.	fich	4.19	11-11	2-91	17-1	3.76	1-49	3.14	1:21	4.00	3-80	3.80	3.43	84.67
4		nber of s it fell.	days.	23	16	18	15	11	œ	16	7	16	18	18	18	196
ર્શ		midity. i. 100.		98	28	98	18	77	72	92	80	83	88	87	87	83
DEDUCTIONS from Glalsher's Tables, 2nd Edit.	Wt. of Vapour in Cubic Foot of Air.  Elastic Force of Vapour.		Ė	3.06	3-06	2-23	3.26	2-91	3.45	89.	4-30	3.66	3.04	9.60	1.58	3.86
OEDU( Glaish 2nd 1			inch.	.176	178	192	.550	-254	<b>\$</b> 08.	998.	.877	.324	.818	.368	.173	192
from		w-point perature.		81.8	31.6	<b>₩</b>	87.0	40.4	<b>*9</b>	8.09	51.2	47.1	46.1	9.08	9.08	9
ETER.	Wet Bulb, or Temp. of Evaporation.			83.6	33.2	8.58	40.2	44.3	8.67	6.89	54-2	49.8	6.24	417	83.8	13.1
HYGROMETER	Dry Bulb, or Mean Temp. of Air.  Greatest Dally Range.  Mean Daily			82.0	84.1	37.4	43.5	47-7	54.5	8.19	1 7.29	25.4	¥9.€		0.78	9.24
<del>-</del>			_									1-			-	<u> </u>
			<u>                                     </u>	18-9	19-9	8 22.8	9.1.6	9 28.1	1 28-9	26.5	34.3	78.	19-9	20-2	<b>8</b>	28.6
RING ER.	Range.		•		8.7	10.8	14.4	13-9	16.	16.6	14.6	14:1	10.0	10.5	φ •	13.8
HSTE		nthly ange.	•	88.1	30.4	43.1	84.9	36.3	37-9	88.8	81.4	87.4	80.0	27.3	83.4	25 8:
SELF. REGISTERING THERMOMETER.		lean erature.	•	84.9	34.9	38-0	48.8	47-9	68.8	68-0	57.5	68.1	50.1	<b>4</b>	99.	8.99
SEL		vest in onth.		Ş	11.0	12.5	28-0	90.0	92-0	37.5	96-0	90.0	90.08	26.2	11.8	2
	Hig	hest in		9.99	8.67	£.6	9.02	72⋅6	19-0	9.18	14:1	74.7	68.7	63.5	:33	91.6
ETER.		nthly inge.	inch.	1-256	1.494	1.489	1.538	1.159	0.843	1.109	0.2	1-217	1.706	1.499	2.718	1-400
BAROMETER		n at 82° ea-level.	inch.	\$9.550	80-081	29-839	29-873	29-894	29-932	29-809	29-883	29-941	29-791	29.787	999.68	29-824
				٠	٠	•	٠	•	•			٠	•		•	TEAR
				•	•	•	•	•	•	•	•	٠	•	٠	•	1
	1886.			JANUARY	PEBRUARY	MARCH .	APRIL .	MAY	JUNE .	JULY .	AUGUST .	SEPTEMBER	OCTOBER.	NOVEMBER	DECEMBER	
I															- 1	L

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## BIRTHS, DEATHS, AND MARRIAGES IN 1886,

AND

VACCINATIONS IN 1885;

IN SCOTLAND

ITS DIVISIONS, COUNTIES, AND REGISTRATION DISTRICTS.



BIRTHS, DEATHS, AND MARRIAGES REGISTERED IN SCOTLAND IN 1886, AND VACCINATIONS IN 1885.

, VACCINATIONS, 1885.	Total	Births for 1885.	126152	52057 14190 27184 29507 3214	3034 4233 13723 18626 9148 53183 18251 5954	728 723 1107 476
	befor	ed from District e Vaccination, r otherwise ccounted for.	2888	1066 216 574 514 518	157 504 89 88 328 1021 115	78 33 16
		Died before accination.	10872	5109 1297 2251 1992 223	219 318 1016 1546 730 4927 1619	53 101 32
	/accine	On the ground of previous Successful Vaccination.	228	160 32 27 4 4	20 20 5 174 17	0110
	Insusceptible of Vaccine Disease.	n respect of the children having already had Small-pox.	0	00000	0000000	0000
	Insusce	On the ground of Constitutional nsusceptibility.	225	84 12 39 71 19	12 10 14 37 26 74 74 17	4800
		accination Postponed.	2073	399 190 560 617 307	177 339 215 279 319 385 256 103	42 47 69 19
	S	uccessfully accinated.	109866	45239 12443 23733 26309 2142	2467 3058 12386 16455 7740 46602 15953 5205	604 903 409
un i		Marriages.	24469	11572 2746 4793 4881 477	575 681 2476 3579 1555 10340 4115	168 162 179 66
отрания овалия	MARRIAGES. 1886.	Deaths.	73622	32231 8438 15150 15815 1988	1908 2703 6792 10757 5296 31498 10940 3728	538 407 624 339
	M	Births.	127927	52338 15214 27618 29495 3262	3066 4331 14047 18481 9342 54004 18520 6136	737 768 1037 524
	SED VTION.	Census 1881.	3,735,573	1,409,260 388,797 791,250 1,015,878 130,388	123,984 165,856 418,250 602,421 283,460 1,385,447 546,658 209,497	29,705 32,044 39,859 22,376
	REVISED POPULATION	Census 1871.	3,360,018	1,192,903 327,734 697,460 1,009,917 132,004	127,191 166,351 166,351 539,199 559,676 251,088 1,183,218 475,523 203,772	31,608 31,274 41,011 23,298
REGISTRATION GROUPS, DIVISIONS, AND COUNTIES.			٠	SICTS.		SION.
			AND,	DIST	IONS.	TES.
			SCOTLAND,	GROUPS OF DISTRICTS STADL TOWNS, E TOWNS, LAND-RURAL, AR-RURAL,	DIVISIONS. N, ESTERN, STERN, LAND, LAND, STERN, T, T,	COUNTIES.  I. NORTHERN DIVISION.
		STR	W			~
		REGISTR DIVISIONS	Ø	GROUPS OF D PRINCIPAL TOWNS, LARGE TOWNS, SMALL TOWNS, MAINLAND-RURAL, INSULAR-RURAL,	DIVIS NORTHERN, NORTH-WESTERN NORTH-WESTERN NORTH-WESTERN EAST-MIDLAND, WEST-MIDLAND, SOUTH-WESTERN SOUTH-EASTERN,	I. Shetland, - Orkney, - Caithness, - Sutherland,

	2142	227 1396 1999 9014 1088	8722 3287 5670 169 788	3714 2902 2080 452	8048 7646 87489	2013 13018 1179 847 896 798	1691 2138 1137 1083
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	1242	135 771 1024 4319 643	4983 2175 3068 120 461	1997 1623 1829 347	4708 4260 22530	1115 8066 614 536 179 430	919 1414 733 662
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	79,467 86,389	8,847 45,108 59,788 269,047 35,465	268,653 130,282 172,131 7,330 24,025	106,883 78,182 80,761 17,684	225,611 217,630 942,206	44,005 388,836 38,510 35,273 13,688 26,346	52,592 76,167 42,290 38,448
	82,093 84,258	8,372 44,549 58,883 246,298 35,097	240,049 128,550 160,924 7,918 22,235	93,345 61,116 79,661 16,966	195,305 200,908 787,005	41,379 328,138 37,755 36,382 12,218 19,661	48,241 74,842 42,087 38,602
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II. North-Western Division.	and Cromarty, ness,. III. NORTH-EASTERN DIVINION.	(or Moray), item,	f,	ing	rek, VII. Soute-Eastern Division.		1810W.
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-WEST	urty, T-Eas:	.,(,) 		Mules W.	H-EAST		VIII. SOUTHERN DIVISION. Tgh
North	Croms	Moray EAST-		on, on.	SOUT	કું <sup>±</sup> ધુંંβું ¦	night,
II.	Ross and Cromarty, Inverness, -	Naim, Elgin (or Moray), Banf, Aberdeen, - Kincardine,	Forfar, - Perth, - Fife, - Kinross, - Clackmannan,	Stirling, . Dumbarton, Argyll, . Bute, .	Renfrew, Ayr, Lanark, VII.	Linlithgow, Edinburgh, Haddington, Berwick, Peebles, Selkirk,	VIII. St Rozburgh, Dumfries, · Kirkcudbright, Wigtown, ·
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Т	lotal	Birt	hs for 1885.	82444°08888888888884887°0	28888888888888888888888888888888888888
	Removed from District before Vaccination, or otherwise unaccounted for.		accination, nerwise	002000000000000000000000000000000000000	200000000000000000000000000000000000000
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TONS, 18	On the ground of previous Successful Vaccination. In respect of the Children having already had Small-pox. On the ground of previous Successful Vaccination. In respect of the Children having already had Small-pox. On the ground of Constitutional		previous uccessful	000000000000000000000000000000000000000	000000000
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S, AND	BIRTHS, DEATHS, AND MARKIAGES, 1886.		Marriages.	0497079000111108000774000	720000077#100c
S, DEATHS			Deaths.	1288488 40 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	11 12 12 13 14 10 10 10 10 10 10 10 10 10 10 10 10 10
BIRTHS			Births.	28 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8	251724 25
	SED ATTON.		Census 1881.	850 1654 1664 1664 1664 1664 172 1708 1708 1708 1783 1067 1684 1684 1684 1684 1684 1684 1684 1684	1581 867 867 862 1351 1352 745 1090 603 4801 547 1015
	REVISED POPULATION		Census 1871.	902 1952 1962 1970 226 226 226 237 4180 1443 1943 889 822 989 2800 1444 1944 1944 1945 1945 1946 1946 1947 1948 1948 1948 1948 1948 1948 1948 1948	1597 863 905 1340 1434 727 935 681 4261 639 1040
	REGISTRATION DISTRICTS.		DISTRICTS.	I. NORTHERN DIVISION.  1. SHETLAND.  Bressay, etc.—(1) Bressay.  Delting,(2) Burra and Quarff,  Dunrossness,(1) Dunrossness,  (3) Fair Isle,‡  Fetlar, etc.—(1) Fetlar,  LERWICK,————————————————————————————————————	Birsay (part of Harray and Birsay), Deemess, Eday and Pharay, Evie and Rendall, Firth and Stennes, Harray (part of Harray and Birsay), Holm and Paplay, Hoy and Grennsay, KIRKWALL and St Ola, North Ronaldshay, Orphir,
_	No. of District.		District.	111 100 88 88 88 111 112 112 112 112 112 112 11	844557488888888

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lahay and Burray,  [2] Flotta,  (2) Flotta,  (2) Papa-Westray,  (2) Papa-Westray,		Kirkton, Stoer, Boer, Rosehall, Call Scourie, (2) Kinlochber irkton, rathy,	DRTH-WESTERN DIVI  5. Ross and Cromarty  Mainland.  008—(1) Applectors, (2) Shieldaig.
1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		1. SUTHER  2. Stoer, (2) Stoer, (2) Rosehall, (2) Rosehall, (3) Killis—(1) Scott, (4) Stoer, (5) Stoer, (6) Stoer, (7) Stoer, (8) Stoer, (9) Strathy, (1) Strathy, (1) Strathy, (1) Strathy, (2) Strathy, (3) Strathy, (4) Strathy, (5) Strathy, (6) Strathy, (7) Strathy, (7) Strathy, (7) Strathy, (8) Strathy, (8) Strathy, (9) Strathy, (10) S	Ross (1)
Standay, Sanday, Sanday, Sanday, Shanday, South Ronaldshay and Burray Stromacs, Stromacs, Walls, etc.—(1) Walls, Westray, etc.—(2) Flotta,	Bower, Canishay, Dunnet, Halkirk, Keiss, Latheron, Oirig, Reay, THURSO, Watten,	Assynt—(1) Kirkton, (2) Stoer, (2) Stoer, (3) Stoer, (4) Bonar, (5) Rosehall, (6) Bonness, (7) Rosehall, (8) Rosehall, (9) Rosehall, (1) Rosehall, (2) Rosehall, (3) Kinloch (4) Rarr—(1) Kirkton, (5) Strathy, (6) Strathy, (6) Strathy, (6) Strathy, (7) Kirkton, (7) Strathy, (8) Strathy, (9) Strathy, (1) Kirkton, (1) Kirkton, (2) Strathy, (3) Strathy, (4) Strathy, (5) Strathy, (6) Strathy, (7) Strathy, (8) Strathy, (8) Strathy, (9) Strathy, (1) Strathy, (1) Strathy, (1) Strathy, (2) Strathy, (3) Strathy, (4) Strathy, (5) Strathy, (6) Strathy, (7) Strathy, (8) Strathy, (9) Strathy, (9) Strathy, (1) Strathy, (1) Strathy, (1) Strathy, (2) Strathy, (3) Strathy, (4) Strathy, (5) Strathy, (6) Strathy, (7) Strathy, (8) Strathy, (9) Strathy, (9) Strathy, (1) Strathy, (1) Strathy, (1) Strathy, (1) Strathy, (2) Strathy, (3) Strathy, (4) Strathy, (5) Strathy, (6) Strathy, (7) Strathy, (8) Strathy, (9) Strathy, (1) Strathy, (1) Strathy, (1) Strathy, (1) Strathy, (2) Strathy, (3) Strathy, (4) Strathy, (5) Strathy, (6) Strathy, (7) Strathy, (8) Strathy, (8) Strathy, (8) Strathy, (9) S	II. NORTH-WESTERN DIVISION. 5. Ross and Cromarty.  **Adiness**  Alness**  Applecross**—[1] Applecross**  (2) Shieldaig,
8 22888888	\$	4 79 788 0 1222428	22

Districts as containing Parliamentary and Royal Burghs are printed in capitals, thus:—EDINBURGH. Districts containing Towns of 2000 Inhabitants and upwards are printed in small capitals thus:—Carlors.

N.B.—An assoriate "\*" is prefixed to those Districts which comprise one or more Parishes are parts of Parishes, and the component parts of these Districts will be found at page 80.

A dagger "†" is prefixed to those Districts which consist of only a part of the Parish of the same name.

† Vaccination Return not received.

	Tota	l Birt	ths for 1885.	822444 0 1 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	22 22 16 16 18 18 18 18 18 18 18 18 18 18 18 18 18
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VA	Insusce	On the ground of Constitutional Insusceptibility.		000000000000000000000000000000000000000	000810001000
	Vaccination Postponed.			044400000000000000000000000000000000000	HHU000088100
		Succ	essfully cinated.	2828 8011 8011 8821 8831 8831 8831 8831 8831 8831 88	25 21 22 32 32 13 13 10 28 28
	, AND		Маттіадев.	049707900011110800074000	72998977 <del>4</del> 186
	BIRTHS, DEATHS, MARRIAGES.	1886.	Deaths.	1288428 4 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	113 173 171 180 180 181 181
	BIRTH		Births.	20 20 20 20 20 20 20 20 20 20 20 20 20 2	28 27 27 28 28 28 28 28 28 28 28 28 28 28 28 28
	REVISED POPULATION.		Census 1881.	850 918 1654 1654 1664 1664 172 220 1708 821 1708 1708 1708 1708 1748 901 1484 901 1166 575 267	1581 867 802 1351 1362 745 1090 603 4801 647 1015
	REV	10101	Census 1871.	902 952 1962 1970 2336 226 517 883 888 882 822 822 822 2602 1442 11442 11442 11325 646 831 2780	1597 863 905 1340 1434 727 935 681 4261 539 1040
	REGISTRATION DISTRICTS.		DISTRICTS.	I. NORTHERN DIVISION.  1. SHETLAND.  Bressay, etc.—(1) Bressay, Delting, C2) Burra and Quarff, Delting, C3) Fair Isle, Fetlar, etc.—(1) Fetlar, C4) Forth Fellin, Mid and South Yell, Nesting, etc.—(1) Nesting, (2) Lunnasting, (2) Lunnasting, (2) Lunnasting, (2) Lunnasting, (2) Lunnasting, (2) Lunnasting, (3) Whalsay and Skerries, (4) Walls, etc.—(1) Tingwall, (5) Sandsting and Aithsting, (6) Whiteness and Weisdale, Unst, (7) Whiteness and Weisdale, (8) Papa-Stour, (9) Papa-Stour, (1) Foula,‡.	Birsay (part of Harray and Birsay),  Bedress,  Eday and Pharay,  Evit and Stennes,  Harray (part of Harray and Birsay),  Holm and Paplay,  Hoy and Gremsay,  KIRKWALL and St Ola,  North Ronaldshay,  Orphir,
-	No	o. of I	District.	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	<b>2222222222222222222222222222222222222</b>

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(dshay and Burray, (2) Flotta, (2) Flotta, (2) Pape-Westray, (3) Pape-Westray,		Kirkton, Shoer, Rosehall, Call Scourie, Call Scourie, Call Kinlochber rirkton, rathy, rathy,	DRTH-WESTERN DIVI  E. Ross and Cromart.  Mainland.  Oss—(1) Applectors, (2) Shieldaig,
2 (2)		4. No. 11) Kirk Nirk Nirk Nirk Nirk Nirk Nirk Nirk N	RTH.1 Ross
St Andrews, Sanday, Sanday, Sanday, Shadwidahay and Burray, Stromess, Stromess, Stronsay, Walls, etc.—(1) Walls, Westray, etc.—(1) Westray, Stromess, Stromess, American	Bower, Canisbay, Dunnet, Halkirk, Kuiss, Latheron, Olrig, Reay, THURSO, Watten,	4. SUTHER Assynt—(1) Kirkton, (2) Stoer, (2) Rosehall, DORNOCH, (2) Rosehall, Durness, Eddrachillis—(1) Scou Eddrachillis—(2) Kinl Farr—(1) Kirkton, (2) Strathy, Golspie, Lairg, Loth, Rogart, Tongue,	II. NORTH-WESTERN DIVISION.  5. Ross and Cromarty.  **Mainland.**  **Alness,**  Applecross—(1) Applecross,**  (2) Shieldaig,**
22282828 88 288888 88 88	\$25,500 00 11 00 00 00 00 00 00 00 00 00 00 0	4 44 444 6 5 5 5 5 6 6 6	282

Districts as containing Parliamentary and Royal Burghs are printed in capitals, thus:—EDINBURGH. Districts containing Towns of 2000 Inhabitants and upwards are printed in small capitals thus:—Carlurs.

N.B.—An asterial "\*" is prefixed to those Districts which comprise one or more Parishes of Parlshes, and the component parts of these Districts will be found at page 80.

A dagger "#" is prefixed to those Districts which consist of only a part of the Parish of the same name.

	_				_
		Total Bir	ths for 1885.	400882444444444444444444444444444444444	
		Removed from District before Vaccination, or otherwise unaccounted for.		000010000000000000000000000000000000000	
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			essfully cinated.	\$\$\\\2585\\2	
		. AND	Маттіадев.	&	
		HS, DEATHS, MARRIAGES, 1886.	Deaths.	8008867888675888609886588864 <b>2842</b> 8	
		BIRTHS	Births.	3-12610888438128887108883888380785	
		SED ATION.	Census 1881.	1691 708 708 708 728 728 738 11880 1	
		REVISED POPULATION	Census 1871.	1828 2180 2180 2180 2180 2186 2186 3263 463 1272 1272 1287 1281 1629 1629 1629 1629 1629 1629 1629 162	
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	-	NOTE	g. L	-cont	
		, v aug	DISTRICTS.	CROMARTY—continued  Northern, Southern, Southern, (2) Kincardine, (2) Strathoykell, art, (1) Lochbroom, (2) Coigach, (3) Logic-Wester, Insular.	
		1044	NIG	Ross And Cromarty—con Avoch, Carnocch, Contin, CROMARTY, DINGWALL, Edderton, Fearn, Fearn, Fearn, Fodderty, Gainloch (2) Southern, Glensbiel, Killearn, Killearn, Killearn, Killearn, Kinlochluichart, Kinlochluichart, Kinlochluichart, Kinlochluichart, Kinlochluichart, Kindochluichart, Lochalsh, Lochalsh, Insulati	
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re, re	shus,		
6. Inverness.  Mainland.  Abernethy and Kincardine, Ardersier.  Boleskine, etc.—(1) Boleskine, Cromdale and Inversilan.  Cromdale and Inversilan.	(cross, mulichty, (2) Bothien, (2) Rothiemurchus, Ghendg, Knoydart, (3) Lochaber, (2) Lochaber, (4) Insh, arossie, (2) Glenmoriston, (2) Glenmoriston, (2) Glenmoriston, (2) Glenmoriston, (2) Glenmoriston,	O V V V V V V V V V V V V V V V V V V V	North, South, (1) Benbecula, (2) Howmore, (3) Boisdale
6. Inverner  Mainland  Abernethy and Kincardin  Alvie,  Ardersier,  Boleskine, etc.—(1) Boles  Cromdale and Inversilan  Oxorollas And Inversilan	Croy and Dalcross, Daviot and Dalcross, Dores, Duthil, etc.—(1) Duthil (2) Rothil Glenelg.—(2) Knoydart (2) Knoydart INVERNESS, Kilmonivaig.—(1) Gleng Kilmorack, Kiltariity, Kingussie and Insh, Laggan, Moy and Dalarossie, Petty, Urquhart, &c.—(1) Urc	Barra, Bracadale, Duirinish—(1) (2) (2) Harris—(1) (2) (3) (3) (4) (5) (5) North Uist, Portree—(1) Fortree—(2)	Small Isles, Small Isles, South Uist (Strath,
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	Tota	al Bi	irths for 1885.	នងនេះ	24 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	88288
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VACCINATIONS, 1885.	/accine	۱ ۹	the ground of previous Successful accination.	0000	00000000 0000000000	00000 ,
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282	Strathmiglo, Torryburn, WEMYSS—(1) (2)	Cleish, - Kossoway and Kinross, - Orwell, - Portmoak,	ALLOA, - CLACKMANNA DOLLAR, - TILLICOULTRY	V. WEST Airth, Baldernock, Baldernock, Balton, Bothkemar, Buchanan, CAMTSIE, DENNY—(1) Drymen, CAMTSIE, DUNIPACE, FALKIRK— FALKIRK— Fintry, Gargunnock, Gargunnock, Gragunnock, STINIAING, STIRLING, STRIBLING, Stratbblane,	
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	RE	REGISTRATION	DISTRICTS. Census 1871.	Cumbernauld,         3602           DUMBARTON—continued.         11423           DUMBARTON,         978           Kilmaronock,         730           Kursintilloch,         730           Luss,         6038           Old or West Kilpatrick,         6346           Roseneath—(1) Roseneath,         677           Row,         (2) Kilcreggan and Cove,           8439	19. Argyll.	
	REVISED POPULATION.		s Census 1881.	4270 8 14384 927 10591 0 719 8 7414 8 8862 8 8862 8 8863 9 1136	1390 1130 1136 1136 1136 1136 1136 1137 1142 1142 1142 1142 1142 1142 1142 1173 1142 1173 1142 1173 1173 1173 1173 1173 1173 1173 117	1
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AND KILBRIDE, c.—(1) Kilminver, (2) Kilmelford, (3) Appin, (3) Appin, (3) Glencoe and Ballachulish (4) Duror, (5) Kilmorich, (6) Kilmorich, (7) Skipness, (2) Skipness, (2) Skipness, (3) Strachlan, (6) Strachlan, (7) Strachlan,	urow), ura, ura, olonasy	in 541) (1) Tyree, (2) Coll,	dick, bride,
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KILMORE AND KILBRIDE, Kilminver, etc.—(1) Kilminver, (2) Kilmelford, Lismore, etc.—(1) Lismore, (2) Appin, (3) Glencoe and Balia, (4) Duror, Lochgilphead, etc.—(1) Lochgoilba Morvern, Morvern, Morkaim, North Knapdale, Saddell, etc.—(1) Saddell, Saddell, etc.—(1) Skipnees, Southend, South Knapdale, Southend, South Knapdale, Southend, Sixnalchlan, etc.—(1) Skralachlan, Stralechlan, etc.—(2) Strachur, Tarbert,	Bowmore (or Kilarrow), - Gigha, Iona (merged in 542), Jura, etc.—(1) Jura, Kilchoman, Kildatkon and Oa, Kilfinichen and Kilvickeon, Kilminen, Kilminian and Kilmine, Kilminian and Kilmore, Kilminian and Kilmore,	Os (merged ir Portnahaven, Salen, - Tobernory, Torcesy, - Tyree, etc.—(	Cumbrae, .  Kilbride—(1) B Kilmory, .  Kingarth, .  Lochranz, North Bute,
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VACCINATIONS, 1885. Insusceptible of Vaccine Disease.		238     102     364     12     0     0     0     0     0     13       24     5     354     12     0     0     0     0     0     13       24     5     357     0     0     0     0     0     0     13       24     35     36     1     0     0     0     0     13     16       362     36     36     1     0     0     0     0     13     16     16       362     37     38     0     0     0     0     0     16	86         89         125         0         0         0         6         1         132           10         10         10         0         0         0         0         0         135         135           12         13         12         14         0         0         0         7         135         136
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	REGISTRATION DISTRICTS.	VI. SOUTH-WESTERN DIVISION.  21. RESPREN. ABBEY—(1) Burghal (merged in 573), (2) LANDWARD (merged in 569 (3), 572 (2), and 573), (3) JOHNSTONE and Elderslie, Eaglesham, Eastwood, Erskine, GREENOCK—(1) New, or Middle, GREENOCK—(1) New, or Middle, (2) East, (3) Old, or West, Inchinan, Inverkip, (2) East, (3) Old, or West, Inverkip—(1) Inverkip, (2) Gounock, KILBARCHAN—(1) Kilbarchan, Lochwinnoch, MEARNS—(1) Kilbarchan, Lochwinnoch, MEARNS—(1) Kilbarchan, Lochwinnoch, MEARNS—(1) Kilbarchan, Lochwinnoch, MEARNS—(1) RUSBY, (2) Newton Mearns, PAISLEY—BURGH, Landward, PORF-GLASGOW, RENFREW, O. Arge	Ardrossan—(1) Old Ardrossan,  (2) New Ardrossan,  Archinere—(1) Archinere,  (2) Lugar,  AYR,  Ballantrae  Barr,  Barr,
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		REGISTRATION	DISTRICTS.	LANARK—continued. CAMEUSKETHAN, CARLUKE, Carmichael, Carmichael, Carwath—(1) Crawbath, Carstairs, Covington and Thankerton, Crawford—(1) Crawford, Crawford) Charker—(2) Leadhills, Charker—(2) Dalserf, DALZEKF—(1) LARKHALL, DALZEKI, Ollbrington, Carstairs, Callachie, Carstairs, Callachie, Callachi
	POPUL		Census 1871.	18709 7056 7066 707 707 172 172 172 172 172 172 172 173 173 173 173 174 174 174 174 174 174 174 174 174 174
	REVISED POPULATION.		Census 1881.	19286 8552 7720 7720 19552 195
THU THU	BIRTH		Births.	288 159 117 117 118 118 118 118 118 118 118 118
7	MARRIAGES.	1886.	Deaths.	240 250 250 250 250 250 250 250 25
	S, AND		Marriages.	288 888 888 888 888 888 888 888 888 888
		Succ	essfully cinated.	680 155 149 148 155 165 165 166 166 166 167 167 167 167 167 167 167
		Vac	cination tponed.	10100000000000000000000000000000000000
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Glassford,  (2) Govan,  (3) Partor,  HAMILTON,  LANARK,  Lesmahagow,  Libberton,  Libberton,  Loud Monkland—(1) Airdhir,  C2) Landward,  C2) Landward,  C3) Landward,  C4) Landward,  C5) Coarbestien,  C6) Coarbestien,  C7) Caarbestien,  C8) Coarbestien,  C9) Caarbestien,  C9) Easten do.  C9) Easten do.  C1) Easten do.  C1) Easten do.  C2) Easten do.  C3) Wardeul and Lamington,  Wardeul and Lamington,  Wardeul and Lamington,	VII. SOUTH-EASTERN DIVISION.  24. LINLITHGOW.  BATHGATE—(1) BATHGATE,  CARRIDEN,  CARRIDEN,  CARRIDEN,  LINLITHGOW,  LINLITHGOW,  LINLITHGOW,  LINLITHGOW,  LINLITHGOW,  CAUEENSFERRY,  Torphichen,  Uphall,  WHITBURN—(1) Whithurn,  Uphall,  (2) FAULDHOUSE,	25. Edinburgh. Carrington, Cockpen, Colinton, Corstophine, Cramond, Cranston, Cranston, Crichton, Crichton, Chickery
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		REGISTRATION DISTRICTS.	EDINBURGH—continued.  DUDDINGSTON—  (1) PORTOBELLO, (2) Landward, (2) Landward, (3) Landward, (4) St Andrew, (5) Canongate, (4) St Giles, (5) Newington, (6) Newington, (7) Sutra, (8) Sutra, (9) Sutra, (1) St Giles, (1) St Giles, (2) Sutra, (3) Sutra, (4) St Giles, (5) Newington, (6) Sutra, (7) Sutra, (8) Sutra, (9) Sutra, (1) Sutra, (1) Sutra, (1) Sutra, (2) South Leith, (3) Sutra, (4) Sutra, (5) South Leith, (6) South Leith, (7) Sutra, (8) Sutra,	d,
-	REVISED	Census 1871.	5481 959 46100 1577 44259 36395 33560 39363 3641 1153 414 10068 2213 7098 16582 2213 7098 16582	1022 844 844 364 1419 4982 832 1863 6735
	ISED ATION.	Census 1881.	6794 1111 60338 8090 50679 86079 86079 8487 52494 1500 429 10536 2753 8772 21977 8886 4931 1807 1807 58065 5806 5810	1000 762 337 1506 5396 778 1747 5660
progra	N	Births.	218 1929 170 1436 1436 1460 1460 1460 1460 1111 1119 1119 1119 1119 1119 1106 1106	18 18 159 159 161
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# APPENDIX.

#### VACCINATIONS. 1885.

# EXTRACTS FROM THE REGISTRARS' NOTES RELATIVE TO THE WORKING OF THE VACCINATION ACT.

#### I. NORTHERN DIVISION.

#### 1. SHETLAND.

10. (2) WHITENESS and WEISDALE.—In many cases the first attempt at vaccination was unsuccessful.

12. (3) PAPA STOUR.—The three children unvaccinated were unwell at the time of the vaccin-

ator's visit.

#### 4. SUTHERLAND.

48. DURNESS. -There is now a Doctor resident in the parish, which greatly facilitates the operation of the Act.

53. LAIRG. - Vaccination is well attended to, though in some cases children have to be brought very long distances.

## IL NORTH-WESTERN DIVISION.

#### 5. Ross and Cromarty.

### Mainland.

75. (1) LOCHBEOOM.—The number unaccounted for, or remaining unvaccinated is unusually large. It may be explained thus:—The Medical Officer died in March last, and since then three Officer died in March last, and since then three young qualified gentlemen came to the District, but as mone of them cared to remain, it can easily be understood that vaccination, which is at best, in such a wide rough parish as this, rather troublesome, and not very lucrative, would be a little neglected. However, a permanent settlement of a Medical Officer is not allowed the such as the duty it is to be hoved will far distant, when the duty, it is to be hoped, will be attended to as usual, though the people do begin to demur at paying half a crown, with often a long fatiguing journey.

75. (2) COIGACH.—The present Vaccinator is

(a) (a) Collaboration in present vaccinator is the fourth holding the same office, during the year, owing to death and other causes of removal. Vaccination is consequently somewhat in arrear.

#### Insular.

86a. Barvas. — The number postponed (71) is abnormal, owing to Hooping Cough being prevalent.

#### 6. INVERNESS.

## Mainland.

95. DAVIOT and DUNLICHTY.-Making allowances for the distances (many of the parents have to travel to the Vaccinator), and the stormy character of the weather in these uplands during the winter season, the vaccination requirements

the winter season, the vaccination requirements are very fairly complied with.

101. KHITARIJET.—Vaccination unusually satisfactory, as, with the exception of three who died shortly after birth, every child born in the parish during 1885 has now been successfully vaccinated. The hearty assistance given by the Medical Officer has contributed to bring this

about

112. (2) STENBCHOLL - Cold and boisterous weather, preventing the children being brought to the Vaccinator, is the cause of so many cases

(12) being yet unaccounted for.

114. (2) RAASAY.—A number of those entered in col. 7 were vaccinated in October and November, but the Vaccinator has had no opportunity of continuous continuous and continuous continuous.

tunity of granting certificates.

118 (1) BENEROULA.—Seven of the 15 entered in cel. 7 were vaccinated, but in consequence of the Doctor being called from the parish for a short time, they are still uncertified,

118. (3) BOISDALE.—The frequent changes of Doctors during the year caused vaccination to

fall behind.

# III. NORTH-EASTERN DIVISION.

#### 8. ELGIN (OR MOBAY).

131. DUFFUS.—The want of a resident Doctor is still felt, but notwithstanding vaccinations are fairly well attended to.

#### 10. ABERDEEN.

209. KINCARDINE O'NEIL.—No cases of postponed vaccination during the year.

#### 11. KINCARDINE.

259. FORDOUN.—Two of those unaccounted for were children of Ploughmen, and one of an African Missionary, who left the country with his child before vaccination.

#### IV. EAST-MIDLAND DIVISION.

#### 12. FORFAR.

12. FORPAR.

262. (4) ST ANDREW (DUNDER).—To secure the carrying out of the requirements of the Act, a great amount of labour and attention is still necessary on the part of the Registrar. The statutory notices have to be sent to more than a third of the parents, who wait for the notices as they do for notice to pay water, poor, or police rates, before they apply to Medical Mon, and the consequences are a needless number of and the consequences are a needless number of postponements. The period allowed for vac-cination is much too long. Before it expires, teething and other ailments affect infants, and necessitate postponements. Removals often take place within six months, and parochial officials have great trouble in tracing defaulters. The ten days' grace, which is a great cause of care-lessness, should be abolished, the operation of the Act being now so well known.

#### 14. FIFE.

411. BURNTISLAND.—The fluctuating character of the families residing at the mining village of Binnend is the occasion of considerable trouble to the Registrar in recovering the vaccination certificates. Removals take place and no record is left of the new domicil.

#### V. WEST-MIDLAND DIVISION.

# 19. ABGYLL.

#### Mainland.

526. LOCHGILPHEAD.—All the eight cases of postponement were caused by dilatoriness in not vaccinating the chidren before teething set in. Four instead of six months would be an improve-

#### 20. BUTE.

- Measles caused a larg 558. BOTHESAY. number of deaths before vaccination, and the ter effects thereof prolonged postponements.

#### VI. SOUTH-WESTERN DIVISION.

#### 21. RENFREW.

560. CATHCART. - Great inconvenience is caused by neglect to return the certificates after the vaccination has been performed. Postponements, in some cases, occurred as often as 12 or 14 times.

568. (1) KILBARCHAN.—Some parents are still careless, but this is not so noticeable now as for-

#### 22. AYR.

597. KILMARNOCK.—There is nothing to com-lain of regarding the working of the Vaccinaplain of regarding the working of the Vaccina-tion Act. A few grumble, but that is all. The return shows a considerable decrease on the number of postponements, but a very large increase in deaths before vaccination, the num-bers being 73 for 1884, and 109 for 1885. A few are illegitimates, or children of itinerants

who were only temporarily in Kilmarnock.

607. MURKEE.— There is a prospect of
obtaining certificates of Vaccination of the five still unaccounted for, at an early date.

#### VII. SOUTH-RASTERN DIVISION.

#### 25. EDINBUBGH.

685. (3) CANONGATE (EDINBURGH).-Two of the children unaccounted for are twins. The father refused to have them Vaccinated, and was prosecuted before the Sheriff. He pled guilty and was fined the sum of 5s. with 10s. 6d.

of expenses.
686. FALA and SOUTRA.—Bad weather and blocked roads during the winter months, and distance from the Medical Practitioner sometimes delay vaccination.

# CONSTITUTION OF THE DISTRICTS DISTRIGUISHED IN THE PRECEDING TABLES BY AN ASTERISK (\*).

No.	Districts.	Component Parts (Partsheet
14	December	Component Parts (Parishes).
15	Eday and Pharay	Part of St Andrews. Part of Stronsey and Eday.
22 26	North Ronaldshay	Part of Cross and Burness. Lady, and part of Cross and Burness.
37b 58	Keiss .	Parts of Canisbay and Wick.
596	Applecross	(1) Part of Appleoross; (2) Rest of Appleoross and part of Galricoh.  Parts of Contin, Fodderty, and Urray.
715 865	Kinlochluichart . Carloway	Parts of Contin, Fodderty, and Urray. Parts of Lochs and Uig.
87	Lochs . Kilmnir	Parts of Lochs and Uig.
112 185	ENKIE	(1) Part of Kilmuir; (2) Rest of Kilmuir and part of Snisort Elgin, and parts of New Spynie and St Andrews-Lhanbryde.
152 1555	Engle	Parts of Bellie and Rathven. Parts of Aberiour and Mortlach.
167	Seafield	Parts of Culien and Rathven.
2105 217	Kinninmonth Logie Coldstone and Cromar	Parts of Crimond, Longside, Lonmay, Old Deer, and Strichen, Logic Coldstone, and part of Glenmuick, Tullich, and Glengairn,
222b <b>22</b> 7b	Millbrex	Parts of Fyvie and Monquhitter.
2876	Savoch	Parts of Aberdour, New Deer, Strichen, and Tyrie. Parts of Ellon, New Deer, Old Deer, and Tarves.
940 9498	Savoch Strathdon Ythan Wells	Strathdon, and part of Tarland. Parts of Auchterless and Forgue.
272 282	Arhroeth	Arbroath, and part of St Vigeans.
294	Dundee	Dundee, and part of Liff, Benvie, and Invergowrie. Kettins and part of Scone.
297 834	Kinnettles	Kinnettles and part of Caputh. Parts of Dull, Fortingall, Kenmore, Logierait, and Weem.
831 844	Balquhidder	Balqunidder, and part of Comrie.
849	Dowally	Part of Dunkeld and Dowally.  Parts of Caputh and of Dunkeld and Dowally.
355a 355b		(1) Parts of Fortingall and Weem; (3) Part of Fortingall, Part of Dull.
360 361	Kenmore	Parts of Kenmors and Weem.
867	Killin Kinloch-Rannoch	Parts of Kenmore, Killin, and Weem. Parts of Fortingall and Logierais.
875 879	Logicalmond Meigle	Parts of Fowlis-Wester, Little Dunkeld Methwen, Moneta and Dedocator
3865 387	Persie	Meigle, and part of Coupar-Angus. [Kinloch, and Rattray, Parts of Alyth, Bendochy, Blairgowrie, Caputh, Kirkmichael, Lethendy and Perth, and parts of Kinnoull, Scone, and Thbermore
8935	Stanley	I also of Auctisciastan, Amiciatan, and Vensolvor
8945 894c	Strathfillan Tenandry	Part of Killin. Parts of Blair-Athol, Dull, and Moulin.
402 417	Anstruther-Regter	Anstruther-Easter and part of Kilrenny.
428	Crail	Part of Crail and May Island. Dunbog, and parts of Abdie and Fliak.
424 425	Dunfermline Dunino	Dunbog, and parts of Abdie and Flisk. Parts of Dunfermline and Inverkeithing. Duning and part of Crail
432 442	Inverkeithing Kirkcaldy and Abbotshall	Dunino and part of Crail, Parts of Inverkeithing and Dunfermline, Kirkcaldy, Abbotshall, and part of Kinghorn, Parts of Bothkennar, Falkirk, and Poimont, Stirling, and part of St Ninians, Bonhill, and part of Dumbarton.
4818	Grangemouth	Parts of Bothkennar, Falkirk, and Poimont.
490 498	Stirling	Stirling, and part of St Ninians.
496 506	Dumbarton	
509	Ballachuliah, etc. Cumlodden and Minard	Part of Kilmalie, Parts of Glassary and Glenaray.
518 515	Inveraray Kilbrandon and Kilchattan	Inversary and part of Glenary.  Kilbrandon and Kilchattan, and part of Jura. [of Kilchrenan and Dalevich. (1) Parts of Kilchrenan and Dalevich, and of Glenorchy and Inishall; (7) Rest Parts of Glessary and South Mandel.
517 526	Kilchrenan	(1) Parts of Kilchrenan and Dalavich, and of Glenorchy and Inishail; (2) Rest
529	Muckairn	Parts of Ardchattan and Muckairn, and of Glenorchy and Injahail
<b>535</b> 586	Tarbert	Parts of Kilcalmonell and Kilberry, of Saddell and Skipness, and of South
542 548	Kilfinichen and Kilvickeon Kilmeny	Parts of Kilfinichen and Kilvickeon, and of Torosay.
545	Kinlochspelvie	Part of Kilarrow and Kilmeny, Part of Torosay.
547 548	Portnahaver. Salen	Part of Kilchoman. Parts of Kilninian and Kilmore, and of Torosay.
549 556	Tobermory	Part of Kuninian and Kilmore.
557	North Bute	Parts of Kilbride and of Kilmory. North Bute, and part of Rothesay.
57 <b>3</b> 578	Paialey	(1) Part of Neilston: (2) Rest of Neilston and next of Abbay
576 578	Ardrossan	High, Middle, and Low Church Parishes, and parts of Abbey and of Renfrew.  (1) Parts of Ardrossan and of West Kilbride; (3) Rest of Ardrossan.  Ayr., and parts of Newton-upon-Ayr. and of St Quivoz.  Parts of Kirkmicheel, Kirkoswald, and Maybole.
8848 595	Crosshill	Parts of Kirkmichael, Kirkoswald, and Maybole.
612	Irvine St Quivox, etc.	Irvine, and part of Dundonald. Parts of Newton-upon-Ayr, and St Quivox.
626ò 644	Calderhead	Parts of Cambumethan and Shotts. City of Glasgow, including Gorbals and parts of Barony and Govan.
670	Queensferry	Queensferry, and part of Dalmeny
684 685	Portobello . Edinburgh .	Parts of Duddingston and South Leith. [ton, and North Leith and South Leith. City of Edinburgh, Canongate, and parts of St Cuthberts, Duddingston, Liber-
690 693	Kirknewton & East Calder Leith	Altabewion and East Calder, and part of Kirkliston.
	•	(1) Parts of Cramond, North Leith, and St Cuthberts; (3) Parts of North Leith, St Cuthberts, and South Leith.
6985 774a	Stobhill	Parts of Borthwick, Cockpen, Newbattle, and Temple, Parts of Galashiels, Selkirk, Yarrow, Innerleithen, and Stow,
7765 7878	Ladhope	Part of Melrose.
794	Kirktown	Parts of Jedburgh, Oxnam, and Southdean, Kirktown and part of Cavers.
8185 8585	Brydekirk Wanlockhead	Parts of Annan, Cummertrees, and Hoddom.
8576 963	Bargrennan	Parts of Minnigaff (Kirkendhright) and of Penninghama (Wieterm)
844	Dalbeattie .	Parts of Balmaclellan, Kirkpatrick-Durham, and Parton. Part of Urr.
200	Stranger	Strangaer, and parts of Inch and Leswalt.

LIST of REGISTRATION DISTRICTS which include BURGHS, or TOWNS of 2000 Inhabitants, and upwards, or parts thereof, bearing a different name from the Districts in which they are situated.

	Registration Districts.		Burgh	9.		Towns.
80	Rosemarkie	* Fortrose.	_		_	
30 55a <sup>2</sup>	Drainie			•	-	*Lossiemouth,
64	Macduff	Banff.				*Dural-1-
67	Seafield	Cullen.	•	•	-	*Buckie,
11	Kinnellar	Kintore.				
13	Kintore	Inverurie.				
53	Banchory-Devenick Benholm	Aberdeen.				
55	Dunnottar	Inverbervie.				Gtanahanan
581	Fetteresso		•	•	:	Stonehaven.
62	Kinneff, etc	Inverbervie.			_	20.
74	Barry		•	-	•	Carnoustie.
80 82 4	Craig	Montrose.				
10	St Andrews (Dundee) - Monifieth	1:::	-	•	:	Broughty-Ferry.
16	Panbride					Carnoustie.
71	Lecropt		-	-	-	Bridge of Allan.
74 85	Logie Muckhart	Stirling.	•	•	-	Do.
86 a	Muthill		•	•	•	Dollar.
89	Rattray		:	:	:	Crieff. Blairgowrie.
60	Abdie				-	Suburban of Newburgh.
05	Auchterderran		-		-	Lochgelly.
08 10	Ballingry Beath		-	•	•	Do.
31	Forgan	: :	-	•	-	Cowdenbeath.
36	Kilconquhar	* Earlsferry.			•	Newport.
38	Kilrenny	Anstruther-E	aster.			
56	Scoonie		-	-		*Leven.
59 66	Wemyss Clackmannan		•	•	•	Buckhaven.
75	Clackmannan	•	•	•	-	Alloa.
78	Dunipace	: :	:		:	*Lennoxtown. Denny.
35	Larbert	: :		-		Stenhousemuir.
88	St Ninians		•	•	•	Bannockburn.
93	Bonhill Cardross		•	•	•	*Alexandria.
00	New or East Kilpatrick -		• .	•	•	*Renton.
03	Row	1 : :	:	-	:	*Milngavie. *Helensburgh.
23	Kilmore and Kilbride -	Oban.		-		merensburgh.
593	Abbey		-		-	Johnstone.
60	Cathcart				-	∫Busby.
62 -	Eastwood	100	2			(Suburban of Glasgow (Crosshill).
64	Greenock, East	Port-Glasgow		•	•	*Pollokshaws and Thornliebank.
71	Mearns					Busby.
761	Old Ardrossan		•	•	•	Saltcoats.
77	Auchinleck Galston		••		•	Cumnock.
93	Galston Kilmarnock	: :	•	•	:	Newmilns.
03 0	Loudoun		:	:	:	Hurlford. Galston and Newmilns.
11-	Riccarton	Kilmarnock.	-			Hurlford.
13	Sorn		•		-	*Catrine.
15 21	Stevenston Avondale		•	•	•	Saltcoats.
221	Maryhill		-	•	:	*Strathaven. [Possilparl
			-	-		Suburban of Glasgow (Maryhill and Suburban of Glasgow (Shettleston and
22 2	Shettleston - · ·		•	•	-	I nert of Tolleross)
22.2	Shettleston		•	•	-	Tollcross.
25 1	Blantyre Bothwell	•	•	•	-	Stoneneia.
28	Cambusnethan	: :	-	:	•	*Bellshill, Uddingston and Mossend.
39	Dalziel	: :	;			*Newmains and Wishaw. Motherwell.
43.	East Kilbride, -		•			Busby, [Polmadie
4411	Glasgow (Hutchesontown)		-		-	Busby. [Polmadi Suburban of Glasgow (Govanhill an Suburban of Glasgow (Govanhill, Pollockshields, and Strathbungo). (Suburban of Glasgow (Pollockshields
4413	Glasgow (Gorbals)		•			(Suburban of Glasgow (Govanhill,
	(I) (III)					(Suburban of Glascow (Pollockshields
1434	Glasgow (Kinning Park) -		•	•	•	Suburban of Glasgow (Pollockshields,   Strathbungo, and Kinning Park)
46-1	Govan		•	-	-	Suburban of Glasgow (Govan). Thead
46.2	Partick		•	•	•	Suburban of Glasgow (Govan). [head Suburban of Glasgow (Partick and Hi
51 2	Hamilton - New Monkland (Landward)		-	•	•	Larkhall and Motherwell.
52	Old Monkland		-	•	•	Suburban of Airdrie.
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- 1	(2) Middle District -		•	-		Coatbridge and Roschall.
1	(3) Eastern District -		•	•	•	Do. do.
54	Rutherglen	•	•	•	•	Cambuslang.
72	Uphall	: :			:	Borrowstounness, Broxburn.
78 2	Fauldhouse		:		:	*Crofthead.
76	Cockpen - · · ·					Bonnyrigg.
89	Inveresk	*Musselburgh				
	Lasswade		-	•		Penicuik, Loanhead.
91	Ayton	Galashiels.	•	•	•	Eyemouth.
91 27	Wilton	Hawick.				
91 27 76 b		Annan.				
91 27 76 b 10 13 b	Brydekirk					Lockerbie.
91 27 76 b 10 13 b	Brydekirk Dryfesdale		•	•		
91 27 76 b 10 13 b 20	Brydekirk		:	•	•	Castle Douglas.
91 27 76 b 10 13 b 20 68	Brydekirk	*New Gallows	y.		•	Castle Douglas.
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\* The asterisk indicates that the entire Burgh or Town is embraced in the Registration District.

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		604				889		28
		798	Nigg (Kincard.),	70	Rattray,	236	Shapinshay, Shettleston,.	623
Laurencekirk, 26			Nigg (Ross),	78	Rayne,		Ohioldoin '	58
Leadhills, 68		605	North Berwick,	(10)	Reay,	40		
Lecropt, 87		571	North Bute,	00/	Redgorton, .	.90	Shotts, .	655
Legerwood, 74	Megget, .	765	North Harris,	111.	Renfrew,	575	Skene,	238
Leith, 69		379	North Knapdale,			879	Skipness,	531
Leochel-Cushnie 21		799	North Leith,		Rescobie,	817	Skirling,	769
	Menmuir, .	809	Northmavine,	8		79	Slains, .	239
Leslie (Aberd'n), 21		751	North Morar,	97	Rhynd,	891	Slamannan, .	489
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	Milton,		Old Aberdeen,		Rosskeen, .			582
						1		

South Harris, 111	Stranger. 899	Tenandry, .	894	Tweedsmuir.	772	Wemyss, .	459
South Knapdale, 533	Strath 119		880	Twynholm,	883	West Calder.	704
South Leith. 692	Strathblane, 491		809		852	Westerkirk.	859
South Ronald-	Strathdon, 240		41		551	West Kilbride.	
			895	Tyree,			778
shay & Burray, 29				Tyrie,	248	West Linton,	
Bouth Uist, 118	Strathloch, 384		468	l		Westray,	_80
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Stanley, 393	Strichen, . 24		881	Urquhart (El-		Whitekirk and	
Stenscholl, 112	Stromness, 80	Tongue, .	56	gin),	144	Tynninghame	.728
Stenton, 721	Stronsay, . 31	Torosay,	550	Urquhart (In-		Whiteness and	•
Stevenston, 615	Sunart, 500	Torphichen.	671	verness), .	107	Weisdale,	10
Stewarton, 616	Swinton, . 755		458	Urquhart and		Whithorn, .	900
Stirling. 490	Symington(Ayr),618		850	Logie-Wester	. 84	Whitsome,	757
Stitchell. 808	Symington	Tough, .	244	Urr,	884	Whittinghame,	724
Stobhill 698	(Lanark), 657		245	Urray,	85	Wick,	48
Stobo, 770	\	Tradeston.	644	0,,	-	Wigtown,	901
Stoer, 44		Tranent,	722	Walls (Shetland	1 12	Wilton,	810
Stonehouse, 656	Tain, 82		771	Walls (Orkney),		Wiston and Ro-	
Stoneykirk, 898	Tannadice, 321		896	Walston,	658	berton.	660
	Tarbat. 83		590		853	perion, .	000
	Tarbert 585		882	Wamphray, Wandell and	000		
			897		250	37	880
Stracathro, 820	Tarbolton, 619	Tulliallan,		Lamington,	659	Yarrow,	779
Strachan, 268	Tarland, 242			Wanlockhead,	853	Yester (or Gif-	
Strachur, 584	Tarves, 248		246	Waternish, .	110	_ ford),	725
Straiton, 617	Tealing, \$22		851	Watten,	42	Yetholm,	811
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# THIRTY-SECOND ANNUAL REPORT

OF THE

# REGISTRAR-GENERAL

ON THE

# BIRTHS, DEATHS, AND MARRIAGES

REGISTERED IN

# SCOTLAND

DURING THE

YEAR 1886;

AND

# TWENTY-SECOND ANNUAL REPORT

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# VACCINATION.

Presented to both Houses of Parliament by Command of Her Majesty.



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1887.

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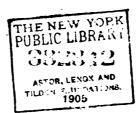
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## REPORT.

TO THE MOST HON.

### THE MARQUESS OF LOTHIAN, K.T.,

Her Majesty's Secretary for Scotland.

GENERAL REGISTRY OFFICE OF BIRTHS, Etc., EDINBURGH. 19th March 1888.

My Lord,

I have now the honour to submit to you, in accordance with the requirements of the Scottish Registration Act (17 and 18 Vict. cap. 80), a General Abstract of the Births, Deaths, and Marriages registered in Scotland during the year 1887, drawn up in the usual form, with a view to its being laid before Parliament.

I have likewise the honour to submit to you, in accordance with Section 19 of the Vaccination Act (26 & 27 Vict. cap. 108), the Twenty-third Annual Report on Vaccination, which includes all the usual details relative to children whose Births were registered in Scotland during the year 1886.

There were but four deaths from Small-pox recorded in the Registers of Eight of the Principal Towns of Scotland during the year under review.

I have the honour to be,

My Lord,

Your most obedient Servant,

STAIR AGNEW,

Registrar-General.

### REPORT TO THE REGISTRAR-GENERAL

### BY R. J. BLAIR CUNYNGHAME, M.D., F.R.S.E.

SIR.

I have herewith the honour to submit the Report containing all the usual details regarding the Births, Deaths, and Marriages registered during the year 1887, in the 1,048 Registration Districts of Scotland. Appended to the General Report is the Twenty-third Annual Report on Vaccination, in which is contained all the available information regarding the administration of the Scotlish Vaccination Act, and especially in relation to the vaccination of children born in Scotland during 1886.

At the middle of the year under consideration, 1887, the estimated population of Scotland was 3,991,499, of these 1,934,215 being males,

and 2,057,284 being females.

During the year there were registered 124,375 births, 74,500 deaths, and 24,851 marriages; hence for every hundred of estimated population there were 3.12 births, 1.87 deaths, and 0.62 marriages. On comparing these numbers with the corresponding on Tables I. and II., it is seen that the births show a lower proportion than in any previous year, as

Table I.—Population estimated to the middle of each year, with the Number of Births, Deaths, and Marriages registered in Scotland during each of the Years 1855 to 1887, and their Proportion to the Population; also the Excess of Births over Deaths, the Number of Illegitimate Births, and their Proportion to the Total Births.

YEAR	Estimated Population.	BIRT	Н8.	DEATHS.	MAR- RIAGES.	Excess of Births over	Percen	tage to Po	pulation.	Per cent. of Illeg. to Total
		Total.	Illegit.			Deaths.	Births.	Deaths.	Marriages.	
1855	2,978,065	93,349	7,357	62,004	19,680	31,345	8.1491	2.0820	0.6608	7.8
1856	2,995,771	101,821	8,695	58,529	20,740	48,292	3.3988	1.9587	0.6923	8.5
1857	8,012,310	103,415	8,869	61,906	21,869	41,509	3.4331	2.0551	0.7094	8.2
1858	8,027,665	104,018	9,354	63,539	19,655	40,479	8.4356	2.0986	0.6492	8.9
1859	8,041,812	106,543	9,715	61,714	21,201	44,829	8.5026	2.0288	0.6969	9.1
1860	8,054,788	105,629	9,736	68,170	21,225	37,359	3.5578	2-2316	0.6948	9.3
1861	3,069,404	107,009	9,929	62,341	20,896	44,668	8.4863	2.0310	0.6808	9.2
1862	8,097,009	107,069	10,376	67,195	20,597	39,874	3.4572	2.1697	0.6651	9.7
1863	3,126,879	109,341	10,948	71,481	22,234	37,860	3.4968	2-2860	0.7160	10-0
1864	8,156,021	112,833	11,197	74,416	22,725	87,917	8.5594	2.8579	0.7200	9.9
1865	3,185,437	118,070	11,262	70,891	23,611	42,179	8.5496	2.2255	0.7412	9.9
1866	8,215,129	113,667	11,673	71,848	28,688	42,819	3.5354	<b>2</b> ·2191	0.7367	10.2
1867	3,245,098	114,044	11,148	69,067	22,618	44,976	3.5063	2.1284	0.6970	9.7
1868	8,275,350	115,514	11,354	69,416	21,855	46,098	8.5267	2.1193	0.6678	9.8
1869	3,805,885	113,354	11,066	75,875	22,144	37,479	3.4288	2.2951	0.6698	9.7
1870	8,336,707	115,390	11,108	74,165	23,854	41,225	3.4582	2.2227	0.7149	9.6
1871	3,868,921	116,128	11,077	74,712	24,019	41,416	3.4470	2-2177	0.7180	9.5
1872	8,404,798	118,765	10,927	75,794	25,641	42,971	3.4882	2-2261	0.7531	9-2
1873	8,441,056	. 119,700	10,925	76,946	26,748	42,754	8.4786	2-2361	0.7778	9·1
1874	8,477,704	123,711	10,991	80,720	26,390	42,991	8.5573	2.8211	0.7588	8.9
1875	3,514,744	123,578	10,786	81,767	25,974	41,811	8.5160	2.3264	0.7390	8.78
1876	3,552,183	126,534	11,029	74,129	26,579	52,405	3.2621	2.0869	0.7482	8.72
1877	8,590,022	126,822	10,568	73,937	25,817	52,885	8.5326	2.0595	0.7191	8.33
1878	3,628,268	126,773	10,641	76,793	24,358	49,980	3.4940	2.1165	0.6713	8.39
1879	3,665,443	125,730	10.727	73,847	23,519	52,383	3.4301	2.0010	0.6416	8.53
1880	8,705,995	124,570	10,589	75,803	24,505	48,767	3.3613	2.0454	0-6612	8.50
1881	3,745,485	126,171	10,484	72,325	26,004	53,846	3.3686	1.9810	0.6943	8.31
1882	3,785,400	126,158	10,546	72,989	26,596	53,169	3.3328	1.9282	0-7026	8.36
1883	8,825,744	124,458	10,114	76,891	26,869	47,567	<b>3·2</b> 532	2.0098	0.7023	8.13
1884	8,866,521	129,157	10,439	75,168	26,106	53,989	3.8404	1.9441	0.6752	8.12
1885	3,907,786	126,100	10,680	74,607	25,304	51,493	3.2269	1.9092	0.6474	8.47
1886	8,949,893	127,927	10,503	73,622	24,469	54,805	3.2391	1.8641	0.6196	8.21
1887	3,991,499	124,375	10,365	74,500	24,851	49,875	3.1162	1.8665	0.6326	8.33

also is the case with the deaths, excepting for last year, when it was a trifle less than for the present year, the marriages being in the same category, except that upon this occasion the rate is just over that for last (1886).

The excess of births over deaths is 49,875.

		Per	8 9 11 9 8 8 8 8	9	1.68	9	91.9	1.	1.88	a	8	8·12 1·87 0·62
	1887.	No.	30589 20036 6249	9.88	82698 18685 6083	9.67	30602 16885 5643	260.7	30486 18694 6876	88,-8	3991499	124375 74500 24861
	Mean	cent. Ten Years.	3:83 3:21 0:67	87.9	3.54 2-03 0-68	48.4	3-29 1-74 0-60	8.99	3-26 1-95 0-74	0.15		8.34 1.98 0.67
tion,		Per cent.	3-27 2-11 0-64	<b></b>	3.38 0.62	-	3.17 1.63 0.56		8-12 1-84 0-66		88	3:24 0:68
opula sive.	1886.	No.	3-2031880 2-27 20516 0-66 6229	86.3	3-23-33-381 1-93-18-55-5 0-65-6091	47.7	3·17/31603 1·62/16263 0·58/5612	6.73	3-20 31063 1-82 1828 0-69 6537	8.17	3949388	8-23/27927 1-91 73622 0-65 24469
be P inclu		Per cent.	3:20 3:20 0:66	_	3333		3.173		0.83	_	8	8:23 0-1:91 0-65
n to t 1887	1885.	No.	8-21 30878 1-99 21936 0-70 6408	377	32404 18793 6363	47.6		54.0		£0.8	3907736	3.84 126110 1.94 74603 0-67 26256
ortio 7 to		Per cent.	8-21 1-99-2 0-70	_	3.52 1.95 0-69		3-32 31274 1-81 16981 0-59 5679	_	8-29 31554 2-08 17893 0-72 6806	-	<b>5</b>	8 4 6 8 4 6
r Propres 187	1884.	No.	3-32-30889 2-3319115 0-69-6679	40.3	34033897 21418751 071 6673	48.7	12294 1555 6729	9.98		41.8	3866521	785
thei Yea		Per cent.	8 8 8 8 6 8 8 8 6 8 8 8	_	9417		3-12/32294 1-72/17555 0-62 6729		8-17 81961 1-8619707 0-79 6980		#	3:25 2:01 0:10
TABLE II.—Number of Births, Deaths, and Marriages in Scotland and their Proportion to the Population, estimated to the middle of each year, during each Quarter of the Years 1877 to 1887 inclusive.	1883.	No.	3-50/31342 1-95/22012 0-70 6630	383	3-52 32420 1-93 20386 0-69 6814	9.84	8-25 30087 1-78 16537 0-63 5890	55.0	8-27, 30163 2-06117932 0-78, 7621	€3.1	3825744	76867 26865
otlar	~ i	Per cent.	3-30 1-93 0-70	2	3:52 1-93 0-69	700	3.25 1.78 0-63	2	8-27 9-06 9-78	~	8	0.10
in Sc ch Qu	1882.	No.	31206 18265 6589	452	3-5627346 1-91 18293 0-66 6609	\$ <del>\$</del>	3-38 30718 1-67 16886 0-62 5957	55.2	8-29-30912 1-87 19522 0-80 7419	40.3	8785400	3-37 126182 1-98 72966 0-69 26674
iages ng ea		Per cent.	9.57		3.56 1-91 0-66	2	3.33 1.67 0-62		3.25 0.87 0.87	7	88	3-37 1-98 0-69
Marr durin	1881.	No.	8-38-309-60 9-24-21284 0-65 64-83	38°.	38°29 38.653351 3-1317889 0-67 6208 6 48°-5	\$	3-2631158 1-8415602 0-59 5787	542	8-17 30845 1-97 17526 0-73 7470	420.7	3744486	3-36 126214 2-05 72301 0-66 25948
, and year	·	Per cent.	9.38 0.65 0.65	6	3.65 9-13 0-67	9	3-26 1-84 0-59	1	8·17 1-97 0·73	64	96	3.36 2.03 0.66
eaths each	1880.	No.	31319 20751 6006	89°.9	33827 19711 6224	6	30179 17047 5500	57.1	29827 18246 6759	88,-3	8706995	194659 75795 24489
hs, I lle of		Per cent.	3.41 2.40 0.64	60	3.60 2.05 0.66	, ,	3-43 1-65 0-55	_	3:28 1:91 0:71	4	\$	282
f Birt e mide	1879.	No.	3-4431268 2-2421950 0-67 5828	*	32968 18784 6050	46°8	3-4431436 1-9115115 0-61 5061	£	8-38 20064 2-1617480 0-78 6528	40.4	8665448	8-49126786 8 2-12 73820 2 0-67 23462 0
ber o to th	·	Per cent.	4440		3-71 2-15 0-67	-	3.44 1.91 0-61	دة	8:38 2:16 0-73	64	898	3-49 2-12 0-67
-Num	1878.	No.	8-4831226 2-2920320 0-67 6068	33,0	8-72 33629 2-18 19514 0-75 6095	\$.0g	8-4531236 1-7717344 0-63 5508	.19	\$-4830616 2-0019597 0-82 6663	393	\$628268	3-68 126707 2-04 76775 0-79 24838
II	7.	Per cent.	9.48 0.61	9	872 9:18 0:73	بو	3.45 1.77 0-63	0	2:00 0-83	æ	023	9.58 2.04 0.79
CABLE	1877.	No.	31256 20525 5977	382	33355 19586 6735	412	30988 15919 5694	24.0	31225 17916 7384	438	8590023	126894 78946 26790
Ç.		First Quarter.	1 1 1	Mean Temperat.	SECOND QUARTER. Births, Deaths, Marriages,	Mean Temperat.	Third Quarter. Births. Deaths. Marriages.	Mean Temperat.	Births, Deaths, Marriages,	Mean Temperat.	TEAR. Population	Births, Deaths, Marriages

### BIRTHS.

124,375 births were registered throughout Scotland during 1887, being at the rate of 3.12 per cent. or 312 for every ten thousand of estimated population; 63,856 of these were males, and 60,519 females. Tables IV. and V. afford information as to the number and proportion of births in the five Groups of Registration Districts into which Scotland is divided. In the Principal Town districts the registered births amount to 50,819, equivalent to 3.25 in every hundred of the inhabitants residing therein, the males numbering 25,985, the females 24,834; in the Large Town districts the total number is 15,027, or in the proportion of 3.38 per cent. of the inhabitants, the males being 7,756, the females 7,271; in the Small Town districts the births are 26,276, or 3.11 per cent. of the population, males 13,491, females 12,785; in the Mainland Rural districts the natal events are 29,100, or 2.88 per cent. of the population, males 14,954, females 14,146; and in the Insular-Rural districts the births are 3,153, or in the ratio of 2.44 per cent. to the inhabitants of the same, males 1,670, females 1,483. From these proportions it is apparent the highest birth-rate was in the Large Town districts, followed by that in the Principal Town districts, Small Town districts, Mainland Rural districts, and lowest in the Insular-Rural districts.

The number of illegitimate births is 10,365, or 8.3 per cent. of the total births. This rate varies considerably in the five districts; ranging from 10.3 per cent. in the Mainland Rural districts, to 6.1 per cent. in the Insular-Rural districts, in the Small Town districts being 8.1 per cent., in the Principal Town districts 7.9 per cent., and in the Large

Town districts 6.8 per cent. of the total births.

The relative frequency of illegitimacy in the various geographical divisions into which the whole country is sub-divided, and in the counties separately, is tabulated on Table VI. Among the former, the highest rate is seen to be in the Southern division, where 14.2 per cent. of the total births during the year were illegitimate, followed by the North-Eastern with 13.9 per cent. of like nature, falling to 8.6 per cent. in the East-Midland division, followed by the North-Western with 8.4 per cent., the South-Eastern with 7.9 per cent., the North-Western with 6.9 per cent., the South-Western with 6.8 per cent., and the

Table III.—Births, Deaths, and Marriages in each of the Eight Divisions of Scotland during the Year 1887, and their Proportion to the Estimated Population.

	Population estimat		T <b>HS</b> .	DEA	THS.	MARRIAGES.		
Divisions.	to middle of 188		Per cent. to Pop.	Number.	Per cent. to Pop.	Number.	Per cent. to Pup.	
Northern .	. 122,101	2,987	2.45	1,978	1.62	535	0:44	
North-Western	. 165,676	4,189	2.50	2,654	1.60	646	0-39	
North-Eastern	. 483,859	18,422	8.09	7,401	171	2,471	0-57	
East-Midland .	. 629,488	18,175	2.89	11,540	1.83	8,783	0-59	
West-Midland.	. 806,607	9,271	3.02	5,246	1.71	1,555	0-51	
South-Western	. 1,524,107	52,083	3.42	30,945	2-03	10,642	0-70	
South-Eastern .	. 596,363	18,432	<b>3</b> ⋅09	10,880	1.82	4,164	070	
Southern .	. 213,303	5,866	2.75	3,856	1.81	1,105	0.52	

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West Midland with 6.3 per cent. In the counties the rate varies from 4.0 per cent. in Kinross to 18.1 per cent. in Wigtown. In 11 counties the rate is over 10.0 per cent.; that in Aberdeen being 13.5 per cent.: in Dumfries 13.7 per cent.; in Elgin 14.9 per cent.; in Kirkcudbright 15.4 per cent.; in Banff 16.5 per cent.; and in Wigtown 18.1 per cent.

Table IV.—Births, Illegitimate Births, Deaths and Marriages in the Five Registration Groups of Town, Rural, and Insular Districts in Scotland in 1887.

ReGISTRATION		ion estim		BIRTHS.			EGITI- BIRTHS	D	AGES.		
GROUPS OF DISTRICTS.	Males.	Females	Poth Doth Jam		Males.	Fem.	Both Sexes.	MARRIAGES			
Principal Town Districts	744,549	817,878	1,562,427	25,985	24,834	50,819	4,008	16,003	16,669	32,672	11,772
Large Town Districts .	218,431	226,775	445,206	7,756	7,271	15,027	1,024	4,455	4,455	8,910	2,838
Small Town Districts .	409,114	434,554	843,668	13,491	12,785	26,276	2,136	7,578	7,590	15,163	4,850
Mainland-Rural Districts	500,856	509,942	1,010,798	14,954	14,146	29,100	3,605	7,780	7,965	15,745	4,949
Insular-Rural Districts	61,265	68,135	129,40	1,670	1,483	3,153	192	990	1,020	2,010	442
SCOTLAND	1,934,215	2,057,284	3,991,499	63,856	60,519	124,375	10,365	36,801	37,699	74,500	24,851

Table V.—Percentage of Births, Deaths, and Marriages to the Population, distinguishing the Sexes;
Percentage of Illegitimate to the Total Births, and Proportion of Boys to Girls at Birth, in the
Five Groups of Registration Districts in 1887.

		Perce	ntage to	l'opulati	on in 1887			of Ille- Total	Boys
REGISTRATION GROUPS OF DISTRICTS.		BIRTHS.			DEATHS.		AGES.		tion of ry 100 Birth.
	Males.	Females.	Both Sexes.	Males.	Females.	Both Sexes.	MARRIAGES	Percentage gitimate to Birth	Proportion of to every 100 ( at Birth.
Principal Town Districts	3·49	3.04	8.25	2.12	2.04	2.09	0.75	7-9	104.6
Large Town Districts .	3.22	3.21	3.38	2.04	1-96	2:00	0.64	8.9	106:7
Small Town Districts .	3.30	2.94	3-11	1.85	1.75	1.80	0.57	8·1	105:6
Mainland-Rural Districts	3.00	2.77	2.88	1:55	1.56	1.26	0.49	10.3	105:7
Insular-Rural Districts	2.73	2.18	2.44	1.62	1.49	1:55	0.34	6-1	112-6
SCOTLAND	3.30	2.94	3:12	1.90	1.83	1.87	0.62	8.3	105.2

Table VI.—Proportion of Illegitimate to every 100 Births in Scotland, its Divisions and Counties, in 1887.

Divisions.	Percent. of Illegit.	Counties.	Percent. of Illegit.	Counties.	Percent. of Illegit.	Counties.	Per cent. of Illegit.
SCOTLAND.	8.3	Shetland Orkney	4·5	Forfar	10·1 9·5	Lanark Linlithgow	6·8 6·5
NORTHERN DIVISION. NORTH-WESTERN DO.	8·4 6·9	Calthness Sutherland	12·7 7·1	Fife	6.3	Edinburgh	7.9
NORTH-EASTERN 1)o.	13-9	Rose & Cromarty	4.9	Clackmannan .	4·0 6·3	Haddington Berwick	7·3
EAST-MIDLAND DO. WEST-MIDLAND DO.	8·6 6·3	Inverness	8·7 9·4	Stirling Dumbarton	6·5 4·9	Peebles	9·6 8·5
SOUTH-WESTERN DO. SOUTH-EASTERN DO.	6·8 7·9	Elgin	14·9 16·5	Argyll Bute	7·8 6·7	Roxburgh Dumfries	10-8 12-7
SOUTHERN Do.	14.2	Aberdeen Kincardine	13·5 12·4	Renfrew	5·8 7·8	Kirkcudbright.	15·4 18·1

Of the total 124,375 births during the year, 63,856 were boys, and 60,519 girls, so that for every 100 of the latter sex 105.5 boys were boru: this proportion varying in the various Registration districts from 112.6. the highest in the Insular-Rural districts, to 1046, the lowest in the

Principal Town districts.

Births were registered throughout the country in largest numbers during June, when they were at the rate of 366 per diem, followed by May with 359 daily, April with 353, March with 349, January with 338, July with 335, December with 333, February and August each with 332, September and October each with 331, and November with 330, as a daily rate. The average number of births registered day by day was 341, males 175, females 166; the illegitimate being 28 per diem.

### DEATHS.

The number of deaths registered throughout Scotland during the year was 74,500, being in the proportion of 1.87 per cent. or 187 in every ten thousand of the estimated population, the lowest rate as yet recorded, except last year when it was 186. The mean average death-rate for the immediately preceding ten years is 198 per ten thousand of the inhabitants.

The highest proportional mortality rate occurs in the Principal Town districts, where it is 209 per ten thousand; in the Large Town districts, it is 200; in the Small Town districts, it is 180; in the Mainland Rural districts, it is 156; and in the Insular-Rural districts 155 in every ten thousand of the population of the same. These, when compared with last year's figures, are apparently somewhat higher in the Large Town districts and Mainland Rural districts, the same in the Small Town districts, and lower in the Principal Town and Insular Rural districts.

The average number of daily deaths was greatest in January and March, each with 229, followed by December with 228, April with 213, May with 209, February with 208, November with 205, June with 193, August with 188, July with 186, October with 183, and September with 176. The average number of deaths registered day by day is 204.

### MARRIAGES.

24,851 marriages were registered during 1887, being at the rate of 62 for every ten thousand of the population, almost the same as last year, and with this exception, the lowest since Registration began. The mean for the last ten years is 67.

The marriage rate is highest in the Principal Town districts, where it is 75 per ten thousand of the population, followed by the Large Town districts, where it is 64, falling to 57 in the Small Town districts, to 49 in the Mainland-Rural districts, and to 34 in the Insular-Rural districts.

The largest number of marriages are registered during the month of June, followed in decreasing numbers by January, December, July, November, October, August, April, March and September, each with the same number, February following, and May last.

### EIGHT OF THE PRINCIPAL TOWNS OF SCOTLAND.

The information upon which the following sections of the Report are founded is obtained from materials furnished weekly by the Registrars of the following Principal Towns, viz., Glasgow, Edinburgh, Dundee, Aberdeen, Greenock, Leith, Paisley, and Perth, and it is believed the remarks made as to the circumstances of their inhabitants may fairly represent that of those throughout the country at large.

### BIRTHS IN THESE EIGHT TOWNS.

The births registered as occurring in the above Towns during the year under review amount to 43,057, being in the proportion of 331 in each ten thousand of their estimated population. The highest rate was that in Paisley, the lowest that in Perth. In the former city the rate is 370 in each ten thousand of its inhabitants, closely followed by Glasgow with a birth-rate of 369, Aberdeen coming next with 325, Leith with 311, Greenock with 299, Dundee with 298, Edinburgh with 292, and Perth with one of 275.

Of the total 43,057 births, 3643, or 8:46 per cent. of the whole are illegitimate. In Aberdeen 10:6 per cent. of the births are of this nature, in Dundee it is 10:4 per cent.; in Perth it is 9:8 per cent.; in Edinburgh it is 8:5 per cent.; in Glasgow it is 8:3 per cent.; in Leith it is 6:6 per cent.; in Paisley it is 6:5 per cent.; and in Greenock it is 5:4 per cent. In the seventh Column of Table VIII. is found the percentage of illegitimate children born during the year to the possible mothers, i.e., the unmarried females and widows between 15 and 45 years of age presumed to be residing in those towns. In Aberdeen there were 2:42 children born out of wedlock to every hundred such possible mothers; in Glasgow 2:32; in Leith 1:93; in Dundee and Perth 1:85; in Greenock 1:61; in Paisley 1:57; and in Edinburgh 1:48.

Of the total children born during the year in the Eight Towns 22,025 were of the male sex, and 21,032 of the female sex, the proportion

of boys to girls being accordingly as 104.7 is to 100.

### DEATHS IN THESE EIGHT TOWNS.

28,068 deaths were registered as occurring in these Towns during the year, males 13,793, females 14,275, together representing a rate of 216 in every ten thousand of their inhabitants.

Table VIII. shows the death-rate to be in Paisley 260 per ten thousand of its estimated population; in Glasgow 231; in Aberdeen 218; in Dundee 212; in Greenock 198; in Edinburgh 197; in Perth 184; and

in Leith 175.

On comparing these ratios with the like for last year (Table IX.), it appears that in all cases excepting Glasgow and Leith the rate for the present year indicates an increase upon that for 1886, and again when a comparison is made between them and the mean death-rates for the last ten years, in all cases excepting Aberdeen and Paisley the rate for the present year is below that of the ten.

Table X. affords some information as to the mortality during the year among young children in these eight towns. In one column is the percentage of deaths among such children,—viz., under five years of age for each town, and in the next is the percentage of deaths among the same when compared with the total mortality. Thus we find that in Glasgow 74 out of every 1000 children under 5 five years of age estimated to be in the city succumbed during the year; in Paisley the

number is 72; in Dundee 71; in Aberdeen 66; in Greenock 63; in Edinburgh 56; in Leith and in Perth 52. Again, from the last column in the table it appears that 47.3 per cent. of the total mortality in Greenock occurred among such young children; in Dundee 44.7 per

Table VII.—Births, Deaths, and Marriages, and their Proportion to the Population, in the Principal Town Districts of Scotland, during each of the Years 1855-1887.

	Population	BIE	RTHS.	DE.	ATHS.	MARE	RIAGES.
YEARS.	estimated to the middle of each year.	Number,	Per cent. to Population.	Number.	Per cent. to Population.	Number.	Per cent. to Population
1855	827,558	28,113	3.39	22,706	2.74	6,937	0.84
1856	837,540	31,719	3.78	22,254	2.65	7,507	0.89
1857	847,522	32,674	3.85	23,363	2.75	7,476	0.88
1858	857,504	32,563	3.79	23,445	2.73	6,865	0.80
1859	867,486	33,027	3.80	22,352	2.56	7,554	0.87
1860	877,468	22,958	3.75	26,066	2.97	7,688	0.87
1861	889,133	34,351	3.86	23,149	2.60	7,753	0.87
1862	906,042	34,436	3.80	24,960	2.76	7,724	0.85
1863	923,276	35,888	3.88	27,045	2.93	8,544	0.85
1864	940,840	37,058	3.94	28,845	3.07	8,897	0.92
1865	958,731	38,109	3.97	28,515	2.90	9,347	0.94
1866	976,986	38,541	3.94	27,466	2.81	9,458	0.96
1867	995,583	39,012	3.96	26,519	2.69	8,870	0.90
1868	1,014,536	39,492	3.89	28,037	2.76	8,589	0.86
1869	1,033,853	39,517	3.82	31,467	3.04	9,156	0.88
1870	1,053,542	40,452	3.83	28,508	2.70	9,733	0.92
1871	1,081,558	40,442	3.74	31,426	2.91	9,819	0.91
1872	1,093,440	41,673	3.81	30,199	2.76	10,427	0.95
1873	1,105,452	41,500	375	30,008	2.71 .	10,594	0.96
1874	1,117,596	42,631	3.81	32,124	2.87	10,574	0.95
1875	1,129,874	43,621	3.86	30,983	2.74	10,670	0.94
1876	1,142,287	44,265	3.87	27,977	2.45	10,722	0.94
1877	1,154,836	44,575	3.86	28,227	2.44	10,706	0.93
1878	1,167,524	44,329	3.80	29,425	2.52	9,727	0.83
1879	1,180,541	43,613	3.69	27,144	2.30	9,490	0.80
1880	1,193,320	42,903	3.60	28,873	2.42	9,763	0.82
1881	1,206,057	42,909	3.26	27,243	2-26	10,496	0.87
1882	1,219,586	43,549	3.57	27,759	2-28	10,753	0.88
1883	1,464,201	52,143	3.26	35,311	2.41	13,114	0.89
1884	1,490,648	54,242	3.64	34,231	2.29	12,256	0.82
1885	1,511,795	52,058	3.44	32,727	2.17	11,618	0.77
1886	1,536,917	52,338	3.40	32,231	2.10	11,572	0.75
1887	1,562,427	50,819	3.25	32,672	2.09	11,772	0.75

Table VIII.—Births, Deaths, and Marriages, and their Proportion to the Population, during the Year 1887, in each of the following Principal Towns of Scotland; Estimated Number of Unmarried Women and Widows between 15 and 45 years of age; also the Illegitimate Births, and their Proportion to the Total Births, and to the Number of possible Mothers.

	Population	BIRTHS.		Women lows and 45.	ILLE	GIT. B	IRTHS.	DEA	гнз.	MARRIAGES	
Towns.	estimated to the middle of 1887.	Num- ber. Per to Pop.		Unmarried Wom and Widows between 15 and	Num- ber.	Per cent. to Total Births.	Percentage to Possible Mothers.	Num- ber.	Per cent. to Pop.	Num- ber.	Per cent. to Pop.
Glangow	524,039	19,328	8-69	69,115	1604	8.8	2-32	12,128	2.31	4512	0-86
Edinburgh	258,629	7,562	2-92	43,871	641	8.2	1.48	5,097	1-97	2151	0.83
Dundee	157,988	4,702	2-98	26,552	491	10-4	1.85	3,850	2.12	1054	0.67
Aberdeen	117,257	3,816	8-25	16,734	405	10-6	2.42	2,551	2·18	910	077
Greenock	75,8 <b>93</b>	2,267	2-99	7,599	122	5.4	1.61	1,504	1-98	468	0.62
Leith	72, <b>297</b>	2,250	8-11	7,669	148	6-6	1-98	1,265	1-75	457	0.65
Paisley	60,816	2,251	8-70	9,278	146	6.2	1.57	1,582	2-60	484	0-90
Perth	\$2,068	881	278	4,688	86	9-8	1.85	591	1.84	· 220	0-69

cent. suffered likewise; in Leith 44.4 per cent.; in Glasgow 44.0 per cent.; in Aberdeen 42.1 per cent.; in Paisley 37.2 per cent.; in Edinburgh

35.1 per cent.; and in Perth 34.8 per cent.

Tables XI. and XII. present the rate of mortality due to various classes of disease, and to the more important special causes of death in each of the Eight Towns, such rate being calculated in the former Table with reference to the estimated population, and in the latter with reference to the total deaths from all causes, allowance being made

in all cases for the causes of death not precisely specified.

The percentage of deaths from Zymotic diseases was 0.361 on the total estimated population of the towns, forming 16.73 per cent. of the total mortality occurring therein. Such causes proved fatal to 0.447 per cent. of the population of Aberdeen; to 0.417 per cent. of that of Dundee; to 0.382 per cent. of that of Paisley; to 0.368 per cent. of that of Perth; to 0.363 per cent. of that of Glasgow; to 0.338 per cent. of that of Greenock; to 0.305 per cent. of that of Edinburgh; and to 0.291 per cent. of that of Leith. The corresponding percentages of deaths from these same diseases to the total deaths are 20.57 in Aberdeen; 20.00 in Perth; 19.68 in Dundee; 17.04 in Greenock; 16.61 in Leith; 15.69 in Glasgow; 15.50 in Edinburgh; and 14.70 in Paisley.

In Glasgow, out of every hundred deaths 5.35 were attributed to Hooping-cough; 2.53 to Measles; 1.98 to Scarlet Fever; 1.89 to Diarrhœa and Dysentery; 1.32 to Diphtheria; and 1.10 to Fevers, of which 0.88 are

Typhoid or Enteric, and 0.17 Typhus.

In Edinburgh, the percentage of deaths from Hooping-cough is

Table IX.—Percentage of Deaths to the Population in each of Eight of the Principal Towns of Scotland during each of the Years 1877-1887.

Towns.	Percentage of Deaths to the Population.											
TOWAS.	1877.	1878.	1879.	1880.	1881.	1882.	1883.	1884.	1885.	1886.	Mone of Ton Yours	1887.
Glaagow Edinburgh Dundee Aberdeen Greenoek Leith Palaley Perth	2·74 2·15 2·26 2·09 2·88 2·12 2·51 2·17	2-79 2-24 2-82 2-20 2-88 2-14 2-97 2-22	2·46 1·99 2·29 2·09 2·86 1·98 2·75 2·25	2.61 2.19 2.46 2.00 2.87 2.30 2.59 2.28	2·52 2·01 2·07 1·94 2·19 2·08 2·28 2·15	2·54 1·96 2·10 2·03 2·25 1·86 2·57 2·85	2.82 1.92 2.39 1.91 2.50 2.08 2.42 1.91	2.69 1.97 2.07 2.20 2.05 1.88 2.59 1.97	2·59 1·82 2·01 1·79 2·10 1·68 2·49 1·72	2·81 1·92 1·83 1·94 1·78 1·76 2·27 1·83	2·63 2·02 2·18 2·02 2·23 1·98 2·54 2·08	2·31 1·97 2·12 2·18 1·98 1·75 2·60 1·84

Table X. - Deaths of Children under Five Years of age in each of Eight of the Principal Towns of Scotland during the Year 1887.

	Town					Estimated Number of Living Children under 5 years in 1887.	Deaths under 5 years of age.	Percentage of Deaths under 5 years.	Percentage of Deaths under 5 years to the Total Deaths
Glasgow Edinburgh Dundee . Aberdeen Greenock	:	:	:	:	:	71,790 81,724 21,100 16,128 11,254	5,842 1,790 1,496 1,078 712	7·44 5·64 7·09 6·65 6·33	44-0 85-1 44-7 42-1 47-8
Leith . Paisley . Perth .	:	:	:	:	:	10,876 8,182 3,993	562 588 206	5-17 7-19 5-16	44·4 37·2 34·8

5.42; from Scarlet Fever 2.91; from Diarrhœal affections 2.30; from Diphtheria 1.08; from Fevers 1.06, of which 0.78 are Typhoid or Enteric, and 0.22 Typhus; and 0.90 from Measles.

In Dundee, Hooping-cough causes the heaviest mortality of like nature, 6.95 per cent. of the total deaths being due to it; Scarlet Fever causes 4.94 per cent.; Diarrhœa and Dysentery 4.01 per cent.; and Measles 1.26 per cent.

In Aberdeen, Measles is the cause of no less than 10.93 per cent. of the total mortality; Hooping-cough of 3.50 per cent.; Diarrheeal affections of 2.32 per cent.; Scarlet Fever of 1.14 per cent.; Fevers causing 1.02 per cent., of which 0.71 per cent. are Enteric, and 0.20 per cent. Typhus.

In Greenock, the percentage of deaths from Hooping-cough is 9.96; from Diarrhœa 2.27; from Diphtheria 1.27; and from Measles 1.13; Scarlet Fever only causing 0.73 per cent.

In Leith, 6:44 per cent. of all is due to Hooping-cough; 4:53 per cent. to Diarrhea and Dysentry; 1:27 per cent. to Measles; 1:11 per cent. to Scarlet Fever; 1:03 per cent. to Diphtheria; 0:95 per cent. to Fevers, 0:87 per cent. being Enteric.

In Paisley, Diarrheal affections and all Fevers each cause 3.87 per cent. of the deaths, 3.11 per cent. of the latter being due to Typhoid

Table XI.—Percentage of Deaths from different Diseases to the Population in each of Eight of the Principal Towns of Scotland during the Year 1887, allowing for the Causes not specified.

Dibrases causing Drath.	Total Eight Towns.	Glasgow.	Edinburgh.	Dundee.	Aberdeen.	Greenock.	Leith.	Paialoy.	Perth.
TOTAL DEATHS	2·161	2.814	1.971	2-120	2·175	1.982	1.750	2.601	1.842
Zymotic Constitutional Developmental Nervous System Organs of Circulation Respiratory Organs Organs of Digestion Urinary Organs Ytolent Deaths	0°361 0°382 0°145 0°249 0°157 0°481 0°141 0°047	0·363 0·424 0·140 0·263 0·140 0·561 0·155 0·051	0.805 0.863 0.140 0.223 0.195 0.385 0.135 0.049	0·417 0·375 0·187 0·218 0·154 0·459 0·118 0·037 0·079	0·447 0·329 0·180 0·270 0·151 0·432 0·144 0·048	0.838 0.326 0.120 0.256 0.128 0.440 0.124 0.034 0.077	0·291 0·332 0·121 0·175 0·163 0·371 0·106 0·040 0·050	0.382 0.381 0.216 0.371 0.175 0.611 0.178 0.048 0.064	0.368 0.312 0.157 0.208 0.173 0.337 0.110 0.050 0.041
Small-pox Measles Scarlet Fever Hooping-cough Diphtheria All Fevers, viz., Typhus Enteric Relapsing Cerebro-Spinal Simple or Ill-defined Simple Cholera Diarrhosa and Dysentery Cancer Phthisis Dev. Dis. of Children Age Apoplexy Paralysis Convulsions Croup Bronchitis Pneumonia Dentition All Liver Diseases Dropsy	0-000 0-055 0-049 0-121 0-022 0-025 0-049 0-000 0-000 0-000 0-001 0-050 0-219 0-065 0-078 0-053 0-039 0-020 0-254 0-151 0-021 0-023 0-026	0-000 0-059 0-046 0-124 0-030 0-025 0-000 0-000 0-000 0-001 0-002 0-041 0-257 0-071 0-069 0-055 0-040 0-020 0-096 0-170 0-220 0-226 0-022 0-022	0-000 0-018 0-057 0-107 0-021 0-021 0-021 0-000 0-000 0-000 0-000 0-000 0-001 0-000 0-001 0-000 0-001 0-000 0-001 0-000 0-001 0-000 0-001 0-000 0-001 0-000 0-001 0-000 0-001 0-000 0-001 0-000 0-001 0-000 0-001 0-000 0-001 0-000 0-001 0-000 0-001 0-000 0-001 0-000 0-001 0-000 0-001 0-000	0-000 0-027 0-105 0-147 0-011 0-011 0-011 0-006 0-000 0-000 0-000 0-000 0-008 0-085 0-085 0-085 0-085 0-085 0-085 0-089 0-080 0-090	0-001 0-238 0-025 0-006 0-006 0-0024 0-015 0-000 0-000 0-001 0-050 0-071 0-158 0-080 0-071 0-158 0-080 0-071 0-158 0-080 0-071 0-158 0-080 0-071 0-050 0-071 0-050 0-071 0-050 0-071 0-050 0-071 0-050 0-071 0-050 0-071 0-050 0-071 0-050 0-071 0-050 0-071 0-050 0-071 0-050 0-071 0-050 0-071 0-050 0-071 0-050 0-071 0-050 0-071 0-050 0-071 0-050 0-071 0-050 0-071	0-000 0-022 0-037 0-197 0-025 0-008 0-009 0-000 0-000 0-000 0-001 0-045 0-084 0-086 0-084 0-041 0-040 0-025 0-184 0-066 0-058 0-184 0-066 0-058	0-000 0-022 0-019 0-118 0-018 0-018 0-001 0-015 0-000 0-000 0-000 0-000 0-000 0-001 0-175 0-072 0-044 0-047 0-036 0-017 0-177 0-149 0-047 0-007 0-007	0 000 0 0005 0 018 0 008 0 018 0 1016 0 0016 0 0016 0 0000 0 0000 0 0000 0 1000	0-006 0-035 0-072 0-126 0-006 0-006 0-000

Fever; 0.63 per cent. to Typhus; Hooping-cough causing 3.30 per cent.; Scarlet Fever and Diphtheria each 0.70 per cent.

In Perth, in every hundred deaths, 6.84 are due to Hooping-cough; 3.93 to Scarlet Fever; 3.25 to Diarrhea; 1.88 to Measles; 0.85 to Fevers,

of which 0.68 are Enteric; and 0.34 to Diphtheria.

In the aforesaid Eight Towns collectively, there were registered during the year 1563 deaths from Hooping-cough, being at the rate of 5:60 per cent. of the total mortality, and in the proportion of 12:1 in each ten thousand of their inhabitants. Messles caused 718 deaths, or 2:57 per cent. of the whole mortality, and equal to 5:5 in each ten thousand of population. To Diarrhea and Dysentery combined are ascribed 709 deaths, 2:54 per cent. of all, and equal to 5:5 per ten thousand. Scarlet Fever caused 639 exits, 2:29 per cent. of all, and 4:9 per ten thousand souls. Diphtheria caused 284 deaths, 1:02 per cent. of all, and 2:2 per ten thousand as before. Fevers caused 321 deaths, or 1:15 per cent. of all the mortality, 2:5 in each ten thousand of the population; of these Typhus caused 62, and Typhoid or Enteric 245 deaths, the former most markedly in Paisley and Greenock, the latter in Glasgow, Leith, and Edinburgh.

Small-pox caused 4 deaths during the year, 2 in Aberdeen, both males between 20 and 60 years of age, one in the month of June, the other in August; and 2 in Perth, both females, one between 5 and 20

Table XII.—Percentage of Deaths from different Diseases to the Total Deaths in each of Eight of the Principal Towns of Scotland during the Year 1887, allowing for the Causes of Death not specified.

DISTANTS CAUSING DEATH.	Total Eight Towns.	Glasgow.	Edinburgh.	Dundee.	Aberdeen.	Greenock.	Leith.	Palaley.	Perth.
Zymotic Constitutional Developmental Nervous System Organs of Circulation Respiratory Organs Organs of Digestion Urinary Organs Violent Deaths	16·73 17·67 6·72 11·51 7·25 22·25 6·53 2·18 3·03	15 69 18:32 6:07 11:35 6:08 24:28 6:69 2:21 8:06	15:50 18:41 7:09 11:34 9:88 19:53 6:88 2:51 3:06	19·68 17·70 6·47 10·30 7·28 21·68 6·57 1·74	20·57 16·14 8·30 12·43 6·96 19·86 6·64 2·20 2·08	17:04 16:44 6:08 12:90 6:48 22:19 6:28 1:74 8:88	16-61 19-00 6-91 10-01 9-80 21-22 6-04 2-30 2-86	14-70 14-64 8-80 14-26 6-72 23-51 6-84 1-84 2-47	20-00 16-92 8-54 11-28 9-40 18-29 5-98 2-73 2-22
Small-pox Measles Scarlet Fever Hooping-cough Diphtheria All Fevers, vlz., Typhus Enteric Relapsing Cerebro-Spinal Simple or ill-defined Simple Cholera Diarrhosa and Dysentery Cancer Pithisis Dev. Dis. of Children Age Apoplexy Paralysis Convulsions Croup Bronchitis Pneumonia Dentition All Liver Diseases Dropsy	0-01 2-57 2-79 5-60 1-02 0-22 0-88 0-00 0-05 2-54 2-79 10-13 8-61 2-79 11-77 7-01 1-77 7-01 1-98 1-098 1-099	0·00 2·53 1·98 5·33 1·10 0·17 0·18 0·00 0·04 0·07 1·89 2·21 11·10 2·21 11·10 3·07 3·00 2·23 1·71 1·18 1·78 7·38 1·78 1·78 1·78 1·78 1·78 1·78 1·78 1·7	0.00 0.90 2.91 5.42 1.08 0.22 0.72 0.00 0.00 0.00 0.00 2.93 9.39 2.69 4.40 2.63 2.10 1.92 9.76 1.92 9.76 1.92 9.76 1.92 9.76 1.92 9.76 1.92 9.76 1.92 9.76 1.92 9.76 1.92 9.76 1.92 9.76 1.92 9.76 1.92 9.76 1.92 9.76 1.92 9.76 1.92 9.76 1.92 9.76 9.76 9.76 9.76 9.76 9.76 9.76 9.76	0.00 1.26 4.94 6.95 0.54 0.24 0.30 0.00 0.00 0.00 0.00 4.01 2.48 10.93 3.23 3.23 2.40 2.37 2.25 11.30 7.97 1.08 0.74	0.08 10.93 1.14 3.50 0.27 0.20 0.71 0.00 0.01 0.00 0.01 0.08 2.326 7.27 4.60 3.26 2.71 1.93 0.43 1.54 4.95 1.06 1.06	0.00 1.18 9.96 1.27 0.40 0.40 0.00 0.00 0.00 0.00 0.00 2.77 2.94 2.74 2.00 1.27 1.07 9.96 9.56 9.56 1.50 0.47	0-00 1-27 1-11 6-44 1-03 0-08 0-87 0-00 0-00 0-00 0-08 4-53 3-49 10-01 2-78 2-54 2-70 2-06 3-06 3-06 3-06 3-06 3-06 3-06 3-06 3	0-00 0-19 0-70 3-30 0-70 0-887 0-61 0-00 0-13 0-00 3-87 1-71 9-44 3-16 1-96 1-96 1-96 1-96 1-96 1-96 1-96 1	0.84 1.88 2.93 6.84 0.94 0.90 0.90 0.90 0.90 0.90 3.25 8.20 3.27 3.81 3.81 0.84 10.8

years, the other between 20 and 60 years of age, both occurring during October.

The total number of deaths from diseases of a Zymotic character is 4670, a considerable increase over the same for last year, when they were 3364, and are the cause of 16.73 per cent. of the total mortality. Syphilis causes 125 deaths, Erysipelas 119, and Puerperal Fever 96.

Diseases of a Constitutional nature caused 4932 deaths, or 17.67 per cent. of all, and equal to 38.2 in every ten thousand of population. Rheumatism and Rheumatic Fever caused 104 deaths. Cancer caused 780 deaths, equal to 2.79 per cent. of all, or 6.0 deaths in every ten thousand of population, and most apparent in Edinburgh, Perth, Leith, and Aberdeen. Gout is the cause of 6 deaths. To Phthisis 2827 deaths are ascribed, 10.13 per cent. of the total mortality, and equivalent to 21.9 deaths per ten thousand of the inhabitants, Glasgow, Paisley, and Dundee showing the largest ratio to estimated population. Tubercular Meningitis caused 431 deaths, Tabes Mesenterica 376, and other forms of Scrofula 267.

From diseases of the Nervous System there are 3213 deaths, or 11.51 per cent. of all, and equal to 24.9 exits in each ten thousand of the population of the above towns. The percentage of deaths from such to those from all causes was 14.26 in Paisley; 12.90 in Greenock; 12.43 in Aberdeen; 11.35 in Glasgow; 11.34 in Edinburgh; 11.28 in Perth; 10.30 in Dundee; and 10.01 in Leith; the like rate per ten thousand of the population being 37.1 in Paisley; 27.0 in Aberdeen; 26.3 in Glasgow; 25.6 in Greenock; 22.3 in Edinburgh; 21.8 in Dundee; 20.8 in Perth; and 17.5 in Leith.

Diseases of the Organs of Circulation account for 2024 deaths, or 7.25 per cent. of all, and 15.7 in each ten thousand of population. Edinburgh shows a percentage on the gross mortality of 9.88; followed by Perth with one of 9.40; Leith 9.30; Dundee 7.28; Aberdeen 6.96; Paisley 6.72; Greenock 6.48; and Glasgow 6.03.

To diseases of the Respiratory Organs (Phthisis excluded), 6213

Table XIII.—Monthly Mortality and Mean Temperature in Scotland during 1887, compared with the Mean of the Ten Years 1871-1880.

	7	YEAR 1	887.	1871-1880.			
Morths.	Mean Temperature	Actual Deaths.	Proportion to 12,000 per annum or 1000 per month.	Monthly Proportion of Deaths.	Mean Temperature.		
January February March April May June July August September October November December	37*.5 39*.7 88*.6 42*.3 48*.9 57*.6 59*.3 56*.4 51*.5 44*.1 39*.6	7,096 5,827 7,113 6,396 6,488 5,801 5,779 5,829 5,277 5,688 6,146 7,065	1,143 939 1,146 1,030 1,045 934 931 939 830 915 990 1,138	1,154 1,061 1,138 1,064 1,040 939 921 893 834 885 949 1,122	37*-5 38*-6 40°-2 44°-2 48°-4 54*-7 57*-8 57*-8 52*-6 46*-5 40*-2 37*-0		
YEAR .	. 46*-0	74,500	12,000	12,000	46*-2		

deaths are due, or 22.25 per cent. of the total mortality, and 48.1 in every ten thousand of the inhabitants. Glasgow heads the list of the towns with 24.23 per cent. of its total mortality thus accounted for; followed by Paisley with 23.51 per cent.; Greenock with 22.19 per cent.; Dundee with 21.63 per cent.; Leith with 21.22 per cent.; Aberdeen with 19.86 per cent.; Edinburgh with 19.53 per cent.; and Perth with 18.29 per cent. Bronchitis is the cause of 3286 of the above, i.e., 11.77 per cent. of the whole mortality, or 25.4 in every ten thousand of population, being highest in Paisley and Glasgow, lowest in Greenock and Edinburgh. Pneumonia caused 1956 deaths; Pleurisy 129; and Croup 264.

From diseases of the Organs of Digestion, 1823 deaths occur, being 6.53 per cent. of all, and in the ratio of 14.1 in every ten thousand of population. Enterities is the cause of 297; Peritonities of 273; Dentition

of 274; and Liver Disease of 297.

Diseases of the Urinary Organs caused 608 exits, 2·18 per cent. of all, or 4·7 in every ten thousand of population. Acute Nephritis caused 127, and Bright's Disease 200 of the above.

Premature Birth accounts for 742 deaths; Congenital Malformations

to 126; and Old Age to 1009.

Atrophy and Debility are the causes in 842 cases, and Dropsy in 92, while in 250 the cause of death is so indefinitely defined or unknown to be of no use in computing the tables, &c.

In 847 cases Violence is the cause of death, or 3.03 per cent. of the total mortality, and 6.5 per ten thousand of population. 786 of these deaths are Accidental; 9 Homicidal; and 52 Suicidal. 78 are due to

Intemperance.

In the eight towns, 103 persons died during 1887 at ages of 90 or over, 23 being men and 80 women. A female, formerly a servant, and two widows, were 101 years old at death, and a woman (condition not stated), was 102.

### MARRIAGES IN THE EIGHT TOWNS.

10,266 marriages were registered in the above during the year, which is at the rate of 79 to every ten thousand of the inhabitants as estimated to reside therein. This rate varies in the different towns; thus it is 86 in like proportion in Glasgow; 83 in Edinburgh; 80 in Paisley; 77 in Aberdeen; 69 in Perth; 67 in Dundee; 65 in Leith; and 62 in Greenock.

### WEATHER AND ITS INFLUENCE ON MORTALITY.

The following remarks on the weather of the year are extracted from the Notes of the Astronomer-Royal which appear in the Registrar-General's Quarterly Reports:—

January was on the mean of its whole extent not remarkable in an extreme degree for any given, or ordinarily recognised meteorological

feature, though inclining in a second degree to rather higher mean temperature, less rainfall, more strength of wind, and that chiefly from the W.S.W. Yet the mean temperature was sufficiently low to have caused most of the so-called rainfall to have been in reality snowfall, and to have kept the face of the country white, in place of green, for a considerable number of days, and to have produced no little irritation to citizens on account of the supposed ill-considered rules of municipalities regarding the clearance of pavements and removal of the proceeds.

While amongst the direct characteristics of the weather of *Pebruary* it may be cited that the mean temperature was nearly 1° above the mean of all former Februarys; the daily range of temperature greater by rather more than 1°; the depth of rainfall smaller by one-third; the strength of wind less by a tenth; the N. and E. elements of its direction rather less, but the W. greater—there was over-shadowing or over-ruling these features the very notable *indirect* one of the mean barometric pressure being greater than ever recorded before for the February of any year, and greater than the mean of all former Februarys by no less a quantity than 0·331 inch—the barometric range at the same time being not far from the normal.

March, which began with remarkably mild weather, but presently relapsed into cold and snow, proved, on the mean of the whole month,

Table XIV.—Meteorology of Scotland for 1887, deduced from Observations made at 55 Stations of the Meteorological Society of Scotland, the particulars for each of the Stations having been published in the Quarterly Reports of the Registrar-General; also the Number of Births, Deaths, and Marriages registered during each Month of the Year 1887.

F1867.	Jan.	Feb.	Mar.	April	May	June	July;	Aug.	Sept.	Oct.	Nov.	Dec.	Year.
Highest Temp. in ahade Lowest Temp. in do. Mean Day Temp. Mean Night Temp. Daily Range	63°·6 7°·5 42°·0 88°·0 9°·0	14°0 45°3 84°0	61°·4 5°·0 45°·4 31°·9 18°·5	20°8 50°2 84°4	28~1	88°-6 30°-0 67°-1 48°-1 19°-0	81°0 67°5 51°1	64°-8 48°-0	70°·0 27°·0 58°·5 44°·5 14°·1	66°·3 19°·0 50°·6 87°·5 13°·1	61°4 18°0 44°4 84°7 9°7		5.0
Mean Temperature .	87*-5	89*-7	88∵6	43**8	48*-9	57*-6	59*-8	56*-4	51*-5	4 <b>4</b> °-1	<b>39°</b> -6	36*-1	46*-0
Highest Temp, in sun Lowest on grass at night	85°·0					140°-0 28°-0			118°·0 21°·5			77°∙0 &°∙0	140°-0 5°-0
Wet-bulb Temperature Dew-point Temp. Humidity of Air Elastic force of Vapour (inches)	84°·4 87	87°8 84°9 85	86°·1 88°·7 85	39°-0 35°-7 80	45°-2 41°-5 77	58°-6 50°-1 77			48°·7 46°·4 86	41°-8 38°-7 83	28°·1 35°·9 87	84°-8 32°-5 86	43°-2 40°-4 83
Number of Rainy Days Amount of Rain (inch)	16	12 246	13 1·88	11 2.05	10 1· <b>39</b>	7 0.96	18 2·97	14 2·72	17 2·83	1 <b>8</b> 2.39	17 3·76	16 3·30	164 30-96
Amount of Cloud Hours of Sunshine .	6·7 50	6·1 89	6·0 131	5·6 160	6·3 <b>2</b> 01	5·6` 236	6·8 207	6·5 186	6·4 128	5·9 112	7·2 45	6 <sup>.</sup> 5 49	6·3 1594
Mean Barometer (inch)	29-791	30-143	80-021	29-982	<b>80-0</b> 36	30·174	29-911	29-918	29.864	30-025	29.660	29-688	29-984
Easterly Winds (days) Westerly Winds (days)	5 19	5 16	7 15	7 14	9 14	9 14	3 21	7 15	8 13	5 18	10 12	5 17	80 188
Births	10,492 7,096 8,400	9,293 5,827 1,366	10,804 7,113 1,483	10,583 6, <b>396</b> 1, <b>5</b> 65	11,131 6,488 1,078	10,984 5,801 3,440	10,837 5,779 2,514	5,829	9,929 5,277 1,483	10,278 5,683 1,763	9,901 6,146 2,070	10,312 7,065 3,043	124875 74,604 24,851
Daily Births Daily Deaths	338 229	333 208	349 229	353 213	359 209	866 193°	885 [186	882 188	831 176	331 183	<b>33</b> 0 205	338 228	341 304

nine-tenths of a degree Fahr. colder than the mean March of all former years; but was 1°4 above the temperature of last year's March, and its

longer continued and far deeper snowfalls.

April was on the whole a very cold, dry, and generally inclement month, these characteristics being accompanied by high barometric pressure, and a barometric range greater than the average; while the mean temperature was less than the average by nearly two degrees.

May was characterised by high barometric pressure and large monthly range, accompanied by small rainfall, and a wind pressure greater than the average by 0.44 lbs. on the square foot, while the mean

temperature was nearly an average.

In June the greatness of the mean height of the barometer was unprecedented in all previous Junes, excepting that of 1865. The mean temperature, 58°4, was a far higher figure than the same return for June has reached for more than 20 years past; but the most remarkable feature was the scantiness of the rainfall, joined to the previous dry state of the country.

While the barometric pressure for July was near the ordinary quantity, its monthly range was much greater, and with such disturbance, the rainfall was heavier than in any other month of the present year, except January. And yet as a rainfall for July, it was scanty, or almost  $\frac{3}{4}$  of an inch less than the mean of all former months of July. At the same time the mean temperature was remarkably high, higher indeed than in any one recorded year, except that of 1868, while the prevailing dryness of the air was shown by a humidity return so small as 76.

August 1887 was a month of remarkable quietude, comfort, and pleasantness, with nothing much out of the way, or differing notably

Table XV.—Showing the connection between certain Atmospheric Phenomena, especially Temperature, and the Deaths from certain Diseases and Classes of Disease, in Eight of the Principal Towns of Scotland, during each Month of the Year 1887.

1887.	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
Mean Temperature	38°.6	40°·1	39°-4	43°·1	49°-S	58°·4	60°-6	57°-7	52°-6	45°·1	40°·1	36°-6
Highest Temperature	54°.0	57°-5	61°.4	66°.6	69°-5	88°-5	81°-8	80°.0	68°-8	630.5	54°.0	5500
Lowest Temperature	21°-8	19°.0	16°-2	25°-5	29°·1	360.0	37°-9	38°-5	30°-0	23°.0	21°0	16°-5
Rainfall in inches	2.41	2.10	1.83	2.03	1.24	10.65	2.38	2.77	4.05	1.71	3.46	2.39
Easterly Winds (days) .	8	7	8	10	12	12	4	9	11	6	12	5
Westerly Winds (days)	19	19	18	14	13	14	23	15	14	21	14	21
Total Deaths	2770	2225	2813	2403	2371	2187	2097	2126	1983	2159	2377	2557
Daily Deaths	89	79	91	80	76	73	68	69	66	70	79	82
Miasmatic Diseases	281	310	439	358	305	279	266	233	239	253	286	306
Small-pox	1	-	-	-	-	1	-	1	-	2	100	1
Measles	56	86	203	125	72	38	14	3	3	14	41	65
Scarlet Fever	60	65	61	37	32	34	38	57	56	89	59	51
Hooping-Cough	100	119	128	147	167	170	175	121	- 111	97	114	114
Diphtheria	35	18	28	19	15	19	18	24	18	25	- 33	35
All Fevers	26	21	17	26	17	17	18	26	50	25	37	41
Simple Cholera	2	-	_	1		_	7	1	1	1	WIT LAND	1 and
Diarrhæa and Dysentery .	29	30	36	25	24	42	113	166	122	57	26	39
Phthisis	256	218	297	296	266	255	241	191	194	213	196	204
Croup	19	20	21	16	19	14	10	20	20	36	41	28
Diseases, Respiratory Organ		540	651	528	518	412	313	322	336	484	631	710
Heart, etc., Diseases	223	134	216	155	167	153	145	168	133	160	167	203
Brain, etc., Diseases	326	270	327	254	297	276	242	223	234	243	257	264
Premature Births	82	62	67	62	58	76	58	66	44	45	61	61
Age	99	82	97	77	90	73	68	77	73	93	85	9.

from the mean of former years for the same month; the small differences found being generally on the side of what is agreeable and healthy.

With the month of September the long drought of the spring and summer of 1887 decidedly closed. The barometric pressure was rather high, but much disturbed; mean temperature, rather low; humidity, abundant; a greater number of rainy days, and greater depth of rainfall than the average; not much wind, and its direction inclining more to E.N.E. than usual.

The weather of October was characterised by unusually high barometric pressure and low mean temperature, accompanied by less humidity, a smaller number of rainy days, and a smaller depth of rainfall than the average; while the wind was slightly above the average as to pressure on the square foot, and had a more than usually great preponderance of westerly direction.

The month of *November* was generally disturbed, cold, damp, wet, windy, and with east wind preponderating; but none of these influences

prevailed to any remarkable extent.

December was remarkable for low barometric pressure, small barometric range, low mean temperature, small depth of rainfall, and small force of wind, the direction of the winds and the quantities of the other elements being nearly as usual.

By means of Table XIII. a comparison may be made between each month of 1887 and those of the decennial period between 1871 and 1880, as regards the average temperature, and the proportionate mortality experienced throughout Scotland in each month during the above period, and for the year under review. It thus appears that while the mean temperature of the month of January is the same for the year 1887 and

Table XVI.—Deaths, Temperature and Fall of Rain in Eight of the Principal Towns of Scotland during each Week of the Year 1887; also the Proportion of Deaths to every Thousand of the Population.

Week.	Week endi	ing	DEATHS.	Prop. to every 1000 of Population.	Тез	IPERATI	JRE.	RAIN,	No. Week.	Week end	ling	DEATHS.	Prop. to very 1000 of Population.	TEM	PERAT	URE.	RAIN
of W				Pro every Popu	Mean.	Highest.	Lowest.	inches	of W	Week cha	шь	Danis	Proj every Popul	Mean.	Highest.	Lowest.	inches
	df-mbur		duration to	0.7	0	0	0		-					0	0	0	
1	January	8	746	29.9	33.6	44.0	22.0	0.78	27	July	9	469	18.8	60.6	81.7	37.9	0.87
2		15	652	26.1	34.2	45.0	21.9	0.71	28		16	487	19.5	61.4	74.5	46.0	0.52
8		22	591	23.7	88.5	53.2	21.8	0.42	29		23	523	20.9	60.5	78.5	38.5	0.32
4	physical residence	29	616	24.7	46.3	54.2	35.0	0.21	30		30	497	19.9	59.8	71.4	43.9	0.61
5	February	5	495	19.8	42.3	53.8	32.0	1.29	31	August	6	428	17.1	58.7	80.1	39.0	0.90
6	1000	12	550	22.0	34.7	50.5	19.0	0.06	32		13	482	19.3	57.1	70.5	42.0	0.32
7	Street 6	19	607	24.3	39.6	51.5	29.0	0.16	33	1	20	464	18.6	54.5	72.6	40.0	0.35
8	DE 2	26	562	22.5	44.5	54.4	31.0	0.74	34		27	466	18.7	58.7	75.0	38.5	0.37
9	March	5	589	23.6	44.8	61.4	21.2	0.02	35	Septembe	er 3	463	18.5	59.7	79.0	47.0	1.93
10		12	625	25.0	36.3	52-0	18.0	0.68	36		10	484	19.4	53.4	66.0	36.8	1.58
11		19	655	26.2	34.3	53.1	16.2	0.21	37	1	17	467	18.7	51.1	63.7	38.0	0.76
12	B.10	26	646	25.9	39.1	54.0	27.7	0.66	38	1	24	457	18.3	53.2	68.8	34.7	0.01
13	April	2	588	23.5	45.6	58.8	26.0	0.13	39	October	1	442	17.7	50.2	63.7	30.0	0.60
14		9	573	22.9	41.1	57.5	25.5	0.19	40	10000000	8	453	18.1	49.9	63.5	30.5	0.38
15	E 100	16	593	23.7	42.5	62.8	27.5	0.00	41	1	15	483	19.3	40.4	55.7	23.0	0.44
16	101	23	550	22.0	47.2	68.8	27.5	1.33	42		22	478	19.1	46.0	59.6	27.0	0.05
17	Long Bill	30	563	22.5	41.8	56.6	27.5	0.44	43		29	554	[22.2	44.0	60.0	30.0	071
18	May	7	529	21.2	46.0	64.1	29.1	0.05	44	Novembe	er 5	515	20.6	42.9	56.0	30.1	0.86
19		14	536	21.5	50.7	66.8	36.0	0.24	45	100000000000000000000000000000000000000	12	498	19.9	43.0	52.5	29.0	1.31
20	100	21	532	21.3	50.7	69.0	31.2	0.75	46	1	19	549	22.0	37.7	45.1	21.0	0.18
21	100	28	564	22.6	52.1	69.5	83.5	0.30	47		26	588	23.5	38.7	53.8	26.9	1.11
22	June	4	495	119.8	51.0	69.2	35.5	0.20	48	Decembe	r 3	624	25.0	43.2	55.0	25.5	0.42
23	100	11	546	21.9	57.2	73.7	42.5	0.27	49		10	567	22.7	36.8	51.5	24.5	0.98
24	2	18	483	19.3	59.9	88.6	42.8	0.18	50	1	17	574	23.0	36:9	50.2	16.5	1.04
25	1000	25	507	20.3	60.1	88.5	38.0	0.01	51		24	559	22.4	34.1	44.7	17.4	0.17
26	July	2	487	19.5	62.5	83.5	44.7	0.02	52	1	31	607	24.3	34.1	47.6	19.2	0.09

for the ten years, the mean temperatures of February, May, June, and July, are above those of the same months during the longer period. The greatest proportion of monthly deaths occurred during January, March, and December, the three coldest months of the year, the least during September and October. Table XIV. gives information on various points deduced from meteorological observations made at 55 stations throughout Scotland and tabulated month by month. On Table XV. we find among other things the deaths from a few of the more important Miasmatic and other diseases for each month in the Eight Towns, placed for the sake of comparison in conjunction with the varying meteorological conditions for each month.

There were but 4 fatal cases from Small-pox registered in these towns during the year, 1 during June, 1 during August, and 2 during October.

Measles, which had been increasing during the latter months of 1886, continued to cause many deaths until July 1887, when they fell to 14

Table XVII. - Monthly Deaths at Four Periods of Life in Eight of the Principal Towns of Scotland during the Year 1887, and Proportion at each Age in every Hundred Deaths per Month.

Months.	Ac	tual Nu	mber of I	Deaths in	1887.	Proportion at each Age in every Hundred Deaths per Month.					
Jionins.	0-5 Years.	<b>5–20</b>	20-60	.60 and above.	Total Deaths.	0-5 Years.	5-20	20-60	60 and above.	Total	
January	1,054	226	925	565	2,770	88.0	8-2	88-4	20-4	100	
February	928	237	628	487	2,225	417	10.7	28.0	19.6	100	
March	1,212	253	799	549	2,813	43.1	9.0	28.4	19.5	100	
April	1,006	233	751	418	2,403	41.9	9.7	81-2	17-8	100	
May	1,021	219	660	471	2,871	43.1	9.2	27.8	19.9	100	
June	924	238	637	388	2,187	42.8	10.8	29.1	17.7	100	
July	938	209	612	336	2.097	44.7	10-0	29.3	16.1	100	
August	911	211	606	398	2,126	49-9	9.9	28.5	18.7	100	
September	848	187	600	353	1.983	42.5	9.4	30.3	17.8	100	
October	875	208	648	428	2,159	40.6	9.6	80-0	19.8	100	
November	1,002	227	689	459	2,377	42.2	9.5	29.0	19.8	100	
December	1,055	229	744	529	2,557	41.8	8-9	29-1	20.7	100	
YEAR	11,769	2,677	8,294	5,328	28,068	41.9	9.5	29.6	19:0	100	

Table XVIII.—Months equalised to 31 Days, and Deaths at each Age corrected thereto, in order to show the relative Mortality at each Age in Eight of the Principal Towns during each Month of the Year 1887.

M	ONTHE	1.					Monthly Death proportioned to 1000 per mont			
					0-5 Years.	5-20	20-60	60 and above.	Total.	or 12,000 per annum.
January					1,054	226	925	565	2,770	1,162
February		•	•		1,027	262	690	484	2,463	1,033
March .	•	•	•	•	1,212	253	799	549	2,813	1,180
April .				•	1,089	241	776	427	2,483	1,042
May .					1,021	219	660	471	2,371	995
June .					955	246	658	401	2,260	948
July .				. 1	988	209	612	338	2,097	880
August					911	211	606	898	2.126	892
September					871	193	620	865	2.049	859
October	-	-			875	208	648	428	2,159	906
November	•	•	•	- : 1	1,085	235	712	474	2,456	1,030
December	:	÷	•		1,055	229	744	529	2,567	1,078
	YBA	R			11,993	2,782	8,450	5,429	28,604	12,000

for that month. These deaths had reached their acme during March, when 203 were registered, followed by April with 125. Towards the end

of the year their numbers again began to run up.

The deaths from Scarlet Fever also appear in largest numbers during the months at the commencement and end of the year, the greatest number being 89 during October, the smallest during May. Hoopingcough is the most fatal of the Miasmatics for the year, causing a number of deaths during each month, varying from 175 in July, and 170 in June, to 97, the lowest, in October. Diphtheria is the cause of more deaths during the present than last year, appearing highest during January, when 35 so succumbed. Fevers caused their greatest number of deaths during the latter months of the year, and Diarrheeal affections were most fatal during the later months of summer and those of autumn.

Phthisis decidedly caused the largest number of its deaths during the first half of the year, March and April especially. With 297 and 296 deaths respectively, being lowest in August and September, with 191 and 194. Croup on the other hand being just the reverse, the largest

number of deaths from it being notified during the later months.

On no class of diseases have climatic influences more effect than upon those affecting the Respiratory Organs, especially Bronchitis and Pneumonia. We have seen the coldest months of the year were the three first and the two last, and it is exactly in those the greatest number of deaths from these affections occurred, the lowest on the other hand during the warmer months of July and August. Much the same may be said of deaths due to Disease of the Heart and Blood-vessels, to those from disease of the Brain, and in the case of the Aged.

Tables XVII. and XVIII. are as usual drawn up to allow the reader to ascertain the relative monthly mortality at different ages among the inhabitants of the aforesaid Towns. Thus with Children (0 to 5 years), the heaviest mortality is during the early and latter two

months of the year, the lowest during September and October.

Among Adolescents (aged 5 to 20 years), the deaths were most

frequent during February and March, least so during September.

In the case of Adults (20 to 60 years), the deaths occurred in largest numbers during January, March, and April, fewest during

July and August.

And lastly, the mortality among the Aged, those over 60 years of age, is greatest during the early and later months of the year, those in fact which were the most inclement, and therefore trying to the old as

well as the young.

The general mortality among the total population of the Eight Towns during 1887 was heaviest during March, followed in gradually diminishing numbers by January, December, April, February, November, May, June, October, August, July, and September.

### TWENTY-THIRD ANNUAL REPORT

ON THE

### VACCINATION OF CHILDREN

BORN IN SCOTLAND DURING 1886.

The Returns of Vaccination for the year 1886 show that of the 127,968 children born in Scotland, 110,864, or 86.634 per cent. were successfully vaccinated. In 2325 cases, or in 1.817 per cent., vaccination was postponed on medical authority, the operation not having been performed at the close of 1887; 201 children, or 0.157 per cent. of the total

TABLE XIX.—Vaccinations in Scotland, 1876-1886, and Proportion to the Births each Year.

				Insuscep	tible of Vac	cination.		ore or or or or or or or or or or or or or	
Years.		Success- fully Vacci- nated.	Vaccina- tion Post- poned.	From Constitu- tional Insuscep- tibility.	From having had Small-pox.	From previous Vacci- nation.	Died before Vaccina- tion.	Removed from District before Vaccination, or otherwise un-	Total Births.
1876 1877	Numbers .	111,815 112,229	1,084 1,304	177 180	5	848 480	10,760 10,874	2,567 2,829	126,706 126,900
1878	Numbers .	111,694	1,196	190	8	406	10,905	2,460	126,854
1879	Numbers .	111.469	1,290	180	8	849	9,999	2,492	125,782
1880	Numbers .	109.381	1,404	155	Ŏ	359	11.016	2,859	124,674
1881	Numbers .	111,008	1.586	150	0	852	10,587	2,594	126,277
1882	Numbers .	110,268	1.718	192	4	280	11,078	2.687	126,162
1898	Numbers .	108,906	1.884	194	2	365	10,713	2,452	124,516
1884	Numbers .	112,122	1.964	242	0	265	11,694	2.836	129,123
1885	Numbers .	109,866	2,073	225	0	228	10,872	2,888	126,152
10 Years.	Average .	110,875	1,545	188	2	343	10,799	2,561	126,315
1886	Numbers .	110,864	2,825	201	0	241	11,282	8,055	127,968
1876	Percentage	88-248	0.816	0.140	0.003	0-275	8.492	2.025	100-000
1877	Percentage	88.438	1.028	0.141	0.003	0.378	8.175	1.885	100-000
1878	Percentage	88-049	0.943	0.150	0.008	0.320	8.596	1.939	100-000
1879	Percentage	88-621	1.026	0-143	0.003	0.277	7.949	1.981	100-000
1880	Percentage	[87.784	1.126	0.124	0.000	0.288	8.836	1.892	100-000
1881	Percentage	87-908	1.256	0.119	0.000	0.279	8.884	2.054	100.000
1882	Percentage	87.899	1.858	0.152	0.003	0.333	8.776	2.090	100-000
1888	Percentage	87.468	1.518	0.126	0.002	0.298	8.608	1.970	100-000
1884	Percentage	86.834	1.521	0.187	0.000	0.302	9.057	2.195	100-000
1885	Percentage	87:090	1.643	0.179	0.000	0-181	8.618	2.289	100-000
10 Years.	Percentage	87-778	1.228	0-149	0-002	0-272	8-549	2-027	100-000
1886	Percentage	86-634	1.817	0.157	0.000	0-189	8-816	2-387	100-000

births were pronounced insusceptible of vaccination from some constitutional peculiarity; and 241, or 0·189 per cent., were insusceptible in respect of having been previously successfully vaccinated, but not by persons qualified to give a certificate to that effect. No cases occurred in which the children were insusceptible in consequence of having had Small-pox. 11,282, or 8·816 per cent. of the children born died before vaccination; and in 3055 cases, or in 2·387 per cent. of the whole births, the children were unaccounted for, owing to their removal from the district in which they were born, or from some other cause. The proportion of children successfully vaccinated is the lowest for any year since the Act came into operation in 1864, and is 1·144 below the average for the last ten years; while, on the other hand, the proportion of postponed cases is the greatest that has occurred during any year since 1864, and is 0·594 above the average for the last ten years.

Table XX. gives the particulars relative to vaccination, omitting the children who died before. From this Table it is seen that of 116,686 children who were living at the age of six months, 110,864 or 95.011 per cent. were returned as successfully vaccinated. In 2325 cases, or in 1.993 per cent., vaccination was postponed; 201 children, or in 0.172 per cent., were stated to be constitutionally insusceptible of vaccination; and 241, or 0.206 per cent., were insusceptible in consequence of having previously been successfully vaccinated; while there were none insusceptible from having had Small-pox. In 3055 cases, or in 2.618 per cent., the children were unaccounted for in consequence of having left the district in which they were born, or from some other cause.

Table XX.—Vaccinations in Scotland, 1876-1886, deducting from the Births those who died before they could be Vaccinated, and giving the Proportion of the Vaccinated to the surviving Births of each year.

				Insusce	ptible of Vac	cination.	Removed	
Years.		Successfully Vaccinated.	Vaccination Postponed.	From Constitu- tional Insuscep- tibility.	From having had Small-pox.	From Previous Vaccination,	from District before Vacci- nation, or otherwise un- accounted for.	Total Living.
1876 1877 1878 1879 1880	Numbers . Numbers . Numbers . Numbers . Numbers .	111,815 112,229 111,694 111,469 109,381	1,084 1,804 1,196 1,290 1,404	177 180 190 180	5 4 8 3 0	348 480 406 349 359 352	2,567 2,329 2,460 2,492 2,359 2,594	115,946 116,526 115,949 115,788 113,658
1881 1882 1883 1884 1885	Numbers . Numbers . Numbers . Numbers . Numbers .	111,008 110,263 108,906 112,122 109,866	1,586 1,718 1,884 1,964 2,073	150 192 194 242 225	0 4 2 0 0	280 365 265 228	2,637 2,452 2,836 2,888	115,690 115,089 113,803 117,429 115,280
10 Years.	Average .	110,875	1,545	189	2	<b>82</b> 3	2,561	115,495
1886	Numbers .	110,864	2,825	201	0	241	3,055	116,686
1876 1877 1878 1879 1880 1881 1882 1883 1884 1885	Percentage Percentage Percentage Percentage Percentage Percentage Percentage Percentage Percentage Percentage Percentage	96·437 96·312 96·330 96·274 96·237 95·953 95·807 95·481 96·304	0·892 1·119 1·031 1·114 1·235 1·371 1·488 1·655 1·672 1·799	0·153 0·154 0·164 0·156 0·136 0·130 0·167 0·170 0·206 0·195	0-004 0-003 0-003 0-003 0-000 0-000 0-000 0-004 0-002 0-000 0-000	0°300 0°411 0°350 0°301 0°316 0°304 0°243 0°321 0°226 0°197	2-214 1-999 2-122 2-152 2-076 2-242 2-291 2-165 2-416 2-505	100·000 100·000 100·000 100·000 100·000 100·000 100·000 100·000
1886	Numbers .	95.011	1.993	0.172	0.000	0.506	2.618	100.000

TABLE XXI.—Deaths from Small-pox in Scotland, 1855-1887.

YEARS.	Small-pox Deaths.	Yrare.	Small-pox Deatha.
1855	1,809	1872	2,446
1856	1,806	1873	1,126
1857	845	1874	1,246
1858	332	1875	76
1859	682	1876	39
1860	1,495	1877	28
1861	766	1878	4
1862	426	1879	8
1868	1.646	1880	10
1864	1,741	1881	19
1865	383	1882	8
1866	200	1883	11
1867	100	1884	14
1868	15	1885	39
1869	64	1886	16*
1870	114	1887	8*
1871	1,442		1

<sup>\*</sup>For 1886 and 1887 the Small-pox Deaths are estimated from the ascertained Small-pox Deaths in Eight of the Principal Towns, as compared with the Total Small-pox Deaths in all Scotland during the Twenty Years 1865–1874.

Table XXII.—Small-pox Deaths in Eight of the Principal Towns of Scotland at different Ages in 1887, also during the Ten Years 1865–1874, compared with those of the Ten Years 1855–1864, in the same Towns before the Vaccination Act came into operation.

	Number.	Drayre, 1887.		E DRATES, -1874.	Small-pox Deates, 1865–1864.		
AGES.	Number.	Percentage at each age.	Number.	Percentage at each age.	Number.	Percentage at each age.	
0-5 5-20 20-60 60 and above	- 1 3	25·00 75·00 	1039 1059 1519 40	28·41 28·96 41·54 1·09	40 <b>62</b> 660 687 6	75-09 12-19 12-67 0-11	
Total	4	100.00	3657	100.00	5415	100-00	

In Table XXI. is given the usual account of the deaths from Small-pox in Scotland, from 1855 to 1887, the numbers for the last two years being estimated. From Table XXII. it will be seen that only 4 deaths were caused by Small-pox in 1887, in the Eight Principal Towns of which particulars of the deaths are given in the Monthly Reports. Of these, 2 occurred in Aberdeen, and 2 in Perth.

I have the honour to be,

SIR,

Your most obedient Servant,

R. J. BLAIR CUNYNGHAME, M.D.

STATISTICAL DEPARTMENT, 29th February 1888.

I.—BIRTHS
REGISTERED IN SCOTLAND DURING EACH MONTH OF THE YEAR 1887.

		Revised Popula- tion at	Popula- tion at															
	ajmort -	date of Census 1881.	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total Births	Males.	Fem.	Total Illegit Births,
	SCOTLAND, .	3,735,573	10492	9293	10804	10583	11131	10984	10377	10296	9929	10278	9901	10312	124375	63856	60519	10365
	GROUPS OF DISTRICTS.																	
١,	PRINCIPAL TOWN DISTS.	1,409,260	4360	2709	4569	4341	4594	4478	4100	4906	2000	41.65	4111	4000	50819	25985	24834	4008
2	LARGE TOWN	404,302						1				1			15027	7756	7271	1024
3	SMALL TOWN.	784,654											1		26276	13491	12785	2136
4	MAINLAND-RURAL,,,	1,006,969		1	1	1				1		1		2517	29100	14954	14146	3005
5	TWOIT AD DITTAL	130,388				225									3153	1670	1483	192
	1 1	200,000		210				202	200	002	204	200	212	201	0100	1670	1400	102
	DIVISIONS.							220								1.50		
1	The state of the s	123,984		-	217	239		228	278					272	2987	1576	1411	251
2	NORTH-WESTERN,	165,856	363			339	334	362	334	380		318	355	381	4139	2112	2027	284
3	NORTH-EASTERN, .	418,250		1297		1514								1236	13422	6982	6440	1867
4	EAST-MIDLAND,	602,421				1514									18175	9334	8841	1558
5		283,460	782			797	833		793		748	780		750	9271	4771	4500	585
6	SOUTH-WESTERN, .	1,385,447			1.007		4735			4251	4011	4251	4088	4137	52083	26764	25319	3529
7	SOUTH-EASTERN, .	546,658				1596 479							1504	1530	18432	9286	9146	1459
8	SOUTHERN,	209,497	477	406	475	4/9	574	508	522	539	488	493	444	461	5866	3031	2835	832
	<u> </u>																	
	I. NORTHERN.																	
1	Shetland,	29,705		47	56	37	45	52	62	71	56	60	64	64	684	364	320	31
2	Orkney, Caithness,	32,044 39,859	78 103	36 83	57 78	57 103	54 86	55 80	65 111	62 72	65 96	78 89	52 83	72 98	731 1082	383 559	348 523	58 127
4	Sutherland,	22,376	44	45	31	42	40	41	40	37	53	42	37	38	490	270	220	85
	II. NORTH-WESTERN.																	
56	Ross and Cromarty, Inverness,	79,467 86,389	176 187	129 161	149 194	162 177	162 172	189 173	165 169	176 204	170 170	158 160	199 156	170 211	2005 2134	1008 1104	997 1030	98 186
	III. NORTH-EASTERN.	0.045	1.		10	10	10								-			
7 8	Nairn, Elgin (or Moray), .	8,847 45,108	15 95	11 91	16 85	13 113	16 132	19 117	17 105	17 99	18 98	18 133	19 112	23 136	202 1316	680	91 636	19 196
9	Banff,	59,783	186	149	146	171	171	175	169	177	167	150	144	154	1959	998	961	324
10 11	Aberdeen,	269,047 35,465	753 71	659 73	736	706 89	724 99	764 95	757 85	750	745 104	769 94	$\frac{660}{102}$	826 97	8849 1096	4615 578	4234 518	1192 136
	IV. EAST-MIDLAND.	33,100															-	
12	Forfar,	268,653	703	580	710	727	694	709	678	681	675	684	712	705	8258	4247	4011	832
13 14	Pertli,	130,282	290	239 406	277 458	281 420	305 515	290	301 497	278	271	278	242	$\begin{array}{c} 275 \\ 487 \end{array}$	3327	1692	1635	315
15	Fife, Kinross,	172,131 7,330	457 12	11	19	15	18	475 19	11	473 16	440 22	489	464	8	5581 173	2883 83	2698 90	351 7
16	Clackmannan,	24,025	74	61	79	71	74	80	79	58	70	65	55	70	836	429	407	53
	V. WEST-MIDLAND.																	
17 18	Stirling,	106,883 78,182	296 247	267 242	286 265	320 266	336 275	344 248	327 245	307 225	292 239	316 248	312 244	291 259	3694 3003	1893 1569	1801 1434	241 149
19	Argyll,	80,761	202	163	178	179	176	156	176	189	177	175	161	164	2096	1060	1036	163
20	Bute,	17,634	37	41	40	32	46	38	45	46	40	41	36	36	478	249	229	32
	VI. SOUTH-WESTERN.				20-													
21 22 23	Renfrew,	225,611 217,630	678 628	650 548	699 665	647 689	716 687	680 655	615	673 586	631 556	615 583	638 569	$\frac{622}{646}$	7880 7427	4091 3827	3789 3600	459 577
23	Lanark,	942,206													36776	18846	17930	2493
	VII. SOUTH-EASTERN.																	
24	Linlithgow,	44,005			193						171				2164	1095	1069	140
25 26	Edinburgh, Haddington,	388,836 38,510	97	940	1192 1 84	87	184	101	86		1028	1047	1097 1 75	1087 93	13093 1073	6601 512	6492 561	1036 78
27	Berwick,	35,273	70	69	72	77	85	75	80	61	73	84	68	77	891	446	445	97
	Peebles,	13,688 26,346	32 61	26 67	28 68	40 64	42 75	37 89	30 79	33 78	37 52	23 61	35 56	41 57	404 807	218 414	186 393	39 69
	VIII. SOUTHERN.	20,040	-	"	00	-		00		.0	32	31	00	"	901	714	000	09
80	Roxburgh,	52,592	118	99	134	123	155	131	117	152	117	118	131	107	1502	786	716	163
31	Dumfries,	76,167	178	152	157	162	209	163	195	188	183	183	134	168	2067	1036	1031	284
32	Kirkcudbright,	42,290 38,448	100 86	83 72	94				109 101	99 100	96 92	94 98	86 93	87 99	1150 1147	614 595	536 552	177 208
1		00,110	30		-		201	-10	101	100	32	00	-	-	1141	030	002	208

I I.—DEATHS
REGISTERED IN SCOTLAND DURING EACH MONTH OF THE YEAR 1887.

			Revised Popula- tion at	pula- n at														
			date of Census 1881.	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total Deaths	Males.	Fem
1	SCOTLAN	ND,	8,735,578	7096	5827	7113	6396	6488	5801	5779	5829	5277	5683	6146	7065	74500	36801	3769
	GROUP OF DISTRI																	
1	PRINCIPAL TOWN D	TETPICTS	1 400 200	0105	0505	0005	0000	0000										In the
2	LARGE TOWN		1,409,260			802											-	15%
3	SMALL TOWN	•						825			687			757		8910	4455	10.53
4	MAINLAND-RURAL	**	784,654													15163	7578	100
5	INSULAR-RURAL	"	1,006,969					100	777		- 35		1			15745 2010	7780 990	1
1	DIVISIO	NS.													- 7		100	
1	NORTHERN, .		123,984	100	170	000	100	100										
2	NORTH-WESTERN.		165,856		100		1									1978	913	1033
3	NORTH-EASTERN.						262	213	200	198			192	234	269	2654	1329	1/1/22
4	EAST-MIDLAND,		418,250		611	806	200	653	560	580	1	477	535	17.50		7401	3719	100
5	WEST-MIDLAND,		602,421			1019	1 2 2 3	1002	913	-		865	100	960	1148	11540	5565	1
В	SOUTH-WESTERN.		283,460					470	396				399	447	537	5246	2645	26
- 1	SOUTH-WESTERN,		1,385,447				100			2263		2140	2338	2523	2868	30945	15470	154
7	SOUTHERN, .	: :	546,658 209,497			1014 351	896 323	903 310	833 301	923 303		824 285	843 288	910 342	975 363	10880 3856	5836 1844	1.160
	I. NORTHE	PN														-		
1	Shetland,		29,705	54	33	47	45	44	25	33	29	30	40	90	69	ADM	011	2
2	Orkney,		32,044	36	47	39		34	44	37	40	27	36	38 31	36	487 445	215 198	
3	Caithness, . Sutherland		39,859 22,376		58 34	74	43 27	58 33	52	78	48	46		54	58	683	330	3
1		errow.	22,010	41	04	42	21	99	30	31	29	15	29	25	27	363	170	1
5	II. NORTH-WE Ross and Cromarty, Inverness,	SIEKN.	79,467 86,389	96 139		104 140	125 137	88 125	105 95	102 96	99 114	89 92	99 93	123 111	135 134	1267 1387	620 709	
1	III. NORTH-EA	ASTERN.							2.5	1		-				1001	100	
1	Nairn,		8,847	12	11	9	4	15	11	16	7	12	14	4	15	130	68	
8	Elgin (or Moray),		45,108		54	71	72	75	93	55	43	45	37	51	74	754	377	3
9	Banff,		59,783 269,047	97 423	82 427	105 573	92 469	77 442	58 354	65 402		83 307	83 354	80 370	84 478	979 4964	478	5
1	Kincardine, .		35,465			48	51	44	44	42	45	30	47	77	64	574	2491 305	24
1	IV. EAST-MII	DLAND.															20	
2	Forfar,		268,653	518		471	449	493	474	436		416	412	447	519	5463	2594	28
3	Perth, Fife,		130,282 172,131	212 284		194 285	186 266	197 268	167 238	168 255		168 245	209 251	189 269	213 348	2255	1082	
5	Kinross,	. :	7,330	13	10	19	7	7	9	14	9	10	13	13	6	3218 130	1600 59	16
6	V. WEST-MID	LAND.	24,025	36	32	50	33	37	30	49	39	26	38	42	62	474	230	2
7	Stirling,		106,883	185	164	157	148	155	153	149	160	132	158	198	225	1984	1019	9
8	Dumbarton, .		78,182	148	117	145	145	162	111	132	137	124	111	102	161	1590	778	8
9	Argyli, Bute,		80,761 17,634			109	93 27	126 27	93	100 35	99	105 26	101	117	125 26	1295	641	6
	VI. SOUTH-WE	STEPN	,002	00		01			00	00	40	20	29	30	26	377	187	1
1	Renfrew		225,611	478	342	475	404	440	434	396	430	907	905			5700	2101	00
3	Ayr, Lanark,	: :	217,630 942,206	417	302	379	278	366	298	2.18	979	397 313 1430	385 314 1639	429 307 1787	515 387 1966	5120 4204 21621	2495 2025 10950	26 21 106
	VII. SOUTH-EA	ASTERN.	1													173	124	
4	Linlithgow, .		44,005		61	88	88	74	64	72	81	85	79	88	112	979	515	4
5	Edinburgh, . Haddington, .	: :	388,836 38,510			747 51	643 50	681 57	641 45	712 45	661 53	609 50	664 32	687 42	720 41	8184 562	3978	420
7	Berwick,		35,273	50	33	48	46	44	34	39	44	26	38	32	48	482	282 244	23
8			13,688 26,346			18 62	22 47	17 30	19	17 38	16	16 38	9 21	23 38	23 31	220 453	105 212	1
	VIII. SOUTH	IERN.										80		30	or	100	212	-
0			52,592		79	82	93	72	100	103	72	76	70	102	96	1036	504	53
1	Dumfries,		76,167	155	131	142	120	116	96	105	100	110	110	126	130	1441	679	76
3	Kirkendbright, . Wigtown, .	: :	12,290 38,448	79 64	62 56	67 60	59 51	56 66	54 51	42 53		62 37	57 51	56 58	73 64	716	350	36
					1		- 4		0.7	970	04	01	OI	00	09	663	311	

III.—MARRIAGES
REGISTERED IN SCOTLAND DURING EACH MONTH OF THE YEAR 1887.

			REV POPUL	ISED ATION.						MAF	RIA	GES					
			Census 1871	Census 1881	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
1	SCOTLAND,		3,360,018	3,735,573	3400	1366	1483	1565	1078	3440	2514	1646	1483	1763	2070	3043	24,85
-	GROUPS OF DISTRICTS.																
١.	PRINCIPAL TOWN DISTRICT	8	1 100 000	* 400 000	1501			011	224		1001	0.83	700	000	070	1101	
ь.	LARGE TOWN "	~,	1,192,903 339,120	1,409,260	1581 426	649 155	770 160	811 182	114	1465 385	315	851 183	736 178	923 191	217	1131 332	11,77
	SMALL TOWN		691,850	404,302 784,654	738	258	252	297	172	712	456	311	317	312	385	640	4,8
	MAINLAND-RURAL ,,		1,004,141	1,006,969	592	236	257	252	225	857	389	281	232	318	448		4,9
	INSULAR-RURAL ,,		132,004	130,388	63	68	44	23	13	21	23	20		19	50		4
l	DIVISIONS.																
	NORTHERN,		127,191	123,984	58	50	34	30	31	39	36	24	41	29	55	108	
	NORTH-WESTERN, .		166,351	165,856	73	70	58	43	30	69	40	32		44	56	1300	6
п	NORTH-EASTERN, .		393,199	418,250	254	108	124	113	139	391	250	164	1	194	173	-	2.4
-	EAST-MIDLAND, .		559,676	602,421	591	163	189	228	140	458	404	233	10.00		360	1000	3,7
١	WEST-MIDLAND, .		251,088	283,460	237	71	87	102	63	232	143	107	77	92	136	208	1.0
	SOUTH-WESTERN, .		1,183,218	1,385,447	1552	597	662	713	463	1392	1211	684	636	826	851	1055	10,6
ŀ	SOUTH-EASTERN, .		475,523	546,658	512	243	273	260	170	673	343	331	269	269	339	482	4,
l	SOUTHERN,		203,772	209,497	123	64	56	76	42	186	87	71	57	64	100	179	1,
١																	
1	I. NORTHERN.		91 000	00.70	22	00	10		0			10	1.0		10	84	١,
l	Orkney,		31,608 31,274	29,705 32,044	11		10	12	3 7	8	13						
1	Caithness,		41,011	39,859	19		5					6	19				1
١			23,298	22,376	6	5	5	2	3	9	- 4	3	5	8	8	14	1
	II. NORTH-WESTERN Ross and Cromarty,		82,093	79,467	39	31	27	18	10	22	9	10	8	21	30	55	١,
	Inverness,		84,258	86,389	34						31						
١	III. NORTH-EASTERN				1								1				1
1	Nairn,		8,372	8,847	7												
3	Elgin (or Moray), Banff.		44,549 58,883	45,108 59,783	19												
)	Aberdeen,		246,298	269,047	186	81	88	74	104	262	191	117	107	12	123	264	1.
1	Kincardine,		35,097	35,465	10	3	11	6	4	29	14	1 8	10	15	1:	30	
	IV. EAST-MIDLAND		040.040	200 010	000		00	100	70	200	200		101				١.
3	Forfar,		240,049 128,550	268,653 130,282	260												
5	Fife,		160,924	172,131	209												1,
	Clackmannan,		7,918 22,235	7,330 24,025	27			12									
	V. WEST-MIDLAND.				1								18				1
7			93,345	106,883	111												
8		:	61,116 79,661	78,182 80,761	38												
0			16,966	17,634	1												
	VI. SOUTH-WESTER	ζ.			1												
1 2	Renfrew,		195,305 200,908	225,611 217,630	22:												
	Ayr, Lanark,		787,005	942,206													
4	Linlithgow,		41,379	44,005	6:	15	1	13	16	64	38	8 2	0 2	1 1	0 2	4 66	
5	Edinburgh.		328,138	388,836	37	7 19	21	21	130	488	3 270	28	2 21	4 21	4 27	7 351	3,
7	Haddington, Berwick, Peebles,		37,755 36,382	35,273	10								9	8 1	9 1		
8	Peebles,		12,218	13,688	1	0 7	10	) 1	7	1 1	5 6	6	1 :	3	7	7 8	3
3	Selkirk,		19,651	26,346	12	4	1:	1	3	7 3:	-	8 1	'	6 1		6 20	1
	VIII. BOUTHBRUN.		48,241	52,592	2	8 1	1	1 2	4 10	0 3	0 1	8 1	6 1	1	9 1	8 4	
	Roxburgh,		74,842	76,167	5	2 2	8 2	7 2	4 2	1 8	7 3	6 2	6 2	5 3	3 4	2 6	6
2	Kirkcudbright,		42,087 88,602					7 1		9 4					0 2 2 1		
ø	Wigtown,		00,002	00,110	1 4	1	1 "	1		1	1	1	1	1	1	1 2	

### 30 IV.—Total DEATHS from all Causes at Four Periods of

	_		AGES		1 17	A A IVI III	AGES.					
CAUSES OF DEATH.	9-0	5-20	20-60	60, etc.	Total.	CAUSES OF DEATH.	0-5	5-20	20-60	60, etc.	Total.	
ALL CAUSES	11769	2677	8294	5328	28068	Enteric Fever Other Miasmatic Diseases .	27 1	105	104	9	24	
I. SPECIFIC FEBRILE OR ZYMOTIC DIS. II. PARASITIC DIS. III. DIETETIC IV. CONSTIT. ,,	3511 9 31 918	-	65		4670 9 108 4932	Simple Cholera	9 540	20	4 59	90	1170	
V. DEVELOP. " VI. LOCAL " VII. VIOLENCE	866 5354 212	1055 110	4484 397	1009 3559 128	1877 14452 847	Ague	3	3	$-\frac{1}{2}$	ī	0.15	
NOT SPEC. CAUSES	868	39	205	61	1178	Zoogenous Diseases. Hydrophobia	-	-	-	1	1	
1. MIASMATIC DISEASES . 2. DIARRHEAL ,,	2796 549 4	\$540 20 3	63	1	722 10		1	3	-	AR.		
4. ZOOGENOUS ,,	1 113 48	23	16 151			VENEREAL DISTASES. Syphilis Gonorrhæa, Strict. of Urethra	113	-	11 5	1 2	15	
II. Parasitic Diseases .	9	-	-	-	9	SEPTIC DISEASES.	_	-	100			
III. DIETETIC DISEASES .	31	_	65	12	108	Phagedæna	43	8 9 6	41 20 90	27	11	
IV. Constitutional Dis	918	885	2715	414	4932	PARASITIC DISEASES.	-		150	Him	10	
V. Developmental Dis	866	2	_	1009	1877	Thrush Other Dis. from Veget. Para. Hydatid Disease Other Dis. from Animal Para.	9	1111	1111	1		
VI.  1. DIS. OF NERVOUS SYSTEM 2. , ORGANS OF SPECIAL SENSE .	1232 22	277	756 5	948	3213 34	DIETETIC DISEASES. Starv., Want of Breast Milk Scurvy	31	-	ī	ENGLIS LIBETO		
. ,, CIRCUL SYSTEM	31 3113	127	$\frac{1033}{1549}$	833 1236	2024	Chronic Alcholism	-	-	55 9	12		
LYMPHATIC SYST.  & DUCTLESS GLANDS  URINARY SYSTEM REPRODUCT. SYST.	48	3 81		1 183	19 608		2	26 5	44 12	9 6 6		
(a) Dis. of Organs of Gen. (b) Dis. of Parturition (c) Organs of Locom (d) Organs of Locom (d) Organs of Locom (d) Organs of Locom (e) Organs of Locom (f) Organs of Locom (f) Organs of Gen.	4	2 4 84 6	131 54	15 20 18	102 135 186 95	Rickets		9 96 90	18 11	303	78 37 43	
VII. ACCIDENT OR NEGLIGENCE HOMICIDE	6	-	351	-	786 9	Anæmia, Chlorosis, Leucocyth.	132 5 8	561 80 5 6	2056 51 10 33	2 9	285	
3. SUICIDE	-	1	43	8	52	Diabetes Mellitus Other Constitutional Dis	-	3	13	3	1	
VIII. ILL-DEFINED AND NOT SPECIFIED CAUSES .	868	39	205	61	1173	DEVELOPMENTAL DISEASES. Premature Birth Atelectasis Cyanosis	742 41 20	1 1 3	F	17.	74	
MIASMATIC DISEASES.  Vaccinated .  Small-pox Unvaccinated .	-	-	1	-	1	Spina Bifida	32 3 6	-	-51	61.1	2	
( No statement . Chicken-pox	5 663	51	1		5 718	Other Congenital Defects . Old Age	22	2	- 1	1009	100	
Epidemic Rose Rash Scarlet Fever	1 390 1	2 228 11	21 46	-	639	DISEASES OF NERVOUS	454	160	50	8	67	
Relapsing Fever	$\frac{-}{2}$	3	2	7	14	Apoplexy Softening of Brain	25	18	280 26	376 57	69	
Hooping-cough	1484 3 214	78 59	10	- 1	1563	Hemiplegia, Brain Paralysis Paralysis Agitans Insanity, Gen. Par. of Insane	7	6	198	390 4 10	60	
Cerebro Spinal Fever Simple and Ill-defined Fever	5	2	-	2	-	Chorea Epilepsy	- 8	6	1 33	1 15		

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Life in Eight of the Principal Towns of Scotland-Year 1887. 31

		A	GES.		0.0	1 1 1 2 1	AGES.						
CAUSES OF DEATH.	9-0	2-50	20-60	60, etc.	Total.	CAUSES OF DEATH.	9-0	5-20	20-60	60, etc.	Total.		
Convulsions Laryngismus Stridulas Lidiopathic Tetanus Paraplegia, Dis. of Spin. Cord Other Dis. of Nerv. System	480 34 6 2 216	20 1 2 6 38	6 5 44 87	3 - 32 52	509 35 13 84 393	Calculus Hæmaturia Dis, of Bladder & of Prostate Other Dis. of Urinary System	3 1 11	- 2 14	3 1 27 77	7 3 67 32	13 9 13		
DISEASES OF ORGANS OF SPECIAL SENSE. Otitis, Otorrhea Epistaxis and Dis. of Nose Ophthalmia and Dis. of Eye DISEASES OF CIRCULATORY	17 2 3	6	3 1 1	ī	26 4 4	DISEASES OF ORGANS OF GENERATION. Ovarian Disease Dis. of Uterus and Vagina . Disorders of Menstruation . Pelvic Abseess Perineal Abseess Dis. of Testes, Penis,	1	1	30 41 2 5 2	4 5 - 2 1	34		
SYSTEM. Endocarditis, Valvular Dis. Pericarditis Hypertrophy of Heart Angina Pectoris Syncope Aneurism Senile Gangrene Embolism, Thrombosis Phlebitis Varicose Veins Other Dis. of Circul. System	18 1 - - 8 - - 1 - 3	108 9 1 -4  2  3	798 11 40 19 52 43 2 22 6 1 39	638 7 42 17 45 7 28 14 1 2 32	1562 28 83 36. 109 50 30 39 7 3 77	Serotum, &c.  DISEASES OF PARTURITION. Abortion, Miscarriage Puerperal Mania Puerperal Convulsions Placenta Prævia, Flooding Phlegmasia Dolens Other Accidents of Childbirth DISEASES OF ORGANS OF LOCOMOTION.		3 - 1	10 4 7 23 2 85	3	10 22 86		
DISEASES OF RESPIRATORY SYSTEM. Laryngitis Croup. Other Dis. of Larynx and	45 241	12 22	6 1	1	64 264	Caries, Necrosis Arthritis, Ostitis, Periostitis Other Dis. of Organs of Locom. DISEASES OF INTEGUMENTARY SYSTEM.	16 4 8	44 7 33	30 4 20	7 3 10	9 1 7		
Trachea	936 21	2 1 104 143 12 19	29 704 621 74 112	1 18 854 256 22 84	15 57 3286 1956 129 442	Carbuncle Phlegmon, Cellulitis Lupus Ulcer, Bed-sore Eczema Pemphigus	11 3 16 4 6	- 4 - 1 1	15 - 8 - 2	1 1 12 - 1 3	3 2 1		
DISEASES OF DIGESTIVE SYSTEM. Stomatitis Dentition Sore-throat, Quinsy Dyspepsia Hæmatemesis Melæna Diseases of Stomach Enteritis Uleeration of Intestine	17 274 22 16 1 1 83 204	2 5 3 12 27 7	1 -6 11 9 1 90 42	1 7 7 7 50 24 8	20 274 34 34 20 2 235 297 23	Other Dis. of Integu. System  Accident on Negligence. Fractures, Contusions Gunshot Wounds Cut, Stab Burn, Scald Poison Drowning Suffocation Otherwise	28 - 59 3 6 99 11	48 1 1 18 3 17 1 20	158 6 27 23 81 20 36	80   -   19   2   6   5   8	31: 12: 3: 11: 12: 7:		
Heus, Obstruct. of Intestine Strict. or Strang. of Intestine Intussusception of Intestine Hernia Fistula Peritonitis Ascites Gallstones Cirrhosis of Liver Other Diseases of Liver Other Dis, of Digest. System	7 7 90 1 - 1 53		40 6 2 20 5 102 6 1 36 104		100 13 11 56 9 273 11 5 50 247 109	HOMICIDE. Murder, Manslaughter  SUICIDE. Gunshot Wounds Cut, Stab Poison Drowning Hanging Otherwise		- - 1	3 4 16 1 1 16 5	- 2 1 - 4 1	1 2		
DISEASES OF LYMPHATIC SYSTEM AND DUCTLESS GLANDS. Dis. of Lymphatic System . Diseases of Spleen . Bronchocele . Addison's Disease	3	2 1 -			109	EXECUTION. Hanging  ILL-DEFINED AND NOT SPECIFIED CAUSES. Dropsy Debility, Atrophy, Inanition Mortification	4	- 8 7 2	40 66 2	25	8 84		
DISEASES OF URINARY SYSTEM Acute Nephritis Bright's Disease Uramia Suppression of Urine	24 5 4	34 29 2	55 120 11 2	-	127 200 26 7	Tumour Abscess Hæmorrhage Sudden (cause unascertained) Other Ill-def, and not spec. causes	21 3	12 2 1	12 18 10 29 28	8 4 1 8	20 5. 10 4:		

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# 32 V.—DEATHS from all Causes at Four Periods of Life Year 1887.

						1 6														
		GI	AßG	юw	•	1	EDI:	BU	RG	H.		Di	UNI	EE.			AB	RRD	KKI	r.
CAUSES OF DEATH.	Ĵ	6-20	30-60	60, etc.	Total.	9-0	6-20	20-60	60, etc.	Total.	Ş.	6−20	90-60	60, etc.	Total.	Ĵ	5-20	80-60	60, etc.	Total.
ALL CAUSES	5842	1175	8776	1885	12128	1790	445	1635	1227	5097	1496	852	905	597	8850	1078	230	596	652	<b>25</b> 51
I. SPECIFIC FEBRILE OR ZYMOTIC DIS. II. PARASITIC DIS. III. DIETETIC	1429 8 9	ŀ	188 - 22	_	1868 8 84	560 -	113	87  22	29	789 - 88	<b>520</b> 1	87	<b>3</b> 0 _ 8	90 _ 3	657 1	415 1	64	28	16 - 1	523 1 11
IV. CONSTIT V. DEVELOP	461 869 2580	-	1216 - 2038	361	2204 780 6818	185 187 804	185 - 182	548 _ 581	124 224 801	987 861 <b>266</b> 8	93 108 614	114 - 186	-	47 108 401	591 216 1 <b>623</b>	66 98 411	62 1 95	202 - 830	55 117 443	385 211 1279
VII. VIOLENCE VIII. ILL-DEFINED AND ROT SPEC. CAUSES	71 <b>42</b> 0	58 24		44 82	<b>36</b> 8 588	85 107	14	72 80	<b>85</b>	156 148	56 103	12 8	40 23	16 8	194 182	15 68	1	<b>3</b> 1	10 10	53 88
I.  1. MIASMATIC DISEASES . 2. DIARRHGAL , . 3. MALARIAL ,, . 4. ZOOGENOUS ,, . 5. VENERBAL ,, . 6. SEPTIO ,, .	1192 176 - - 41 20	218 11 - - 11	29 - - 9	21 1 - 2	1491 287 1 - 52 107	481 95 - 24 10	1	40 7 1 - 4 85	7 14 - - 8	584 117 1 - 28 59	388 104 - 27 6	82 5 - -	11 11 - - 8	1 14 - - - 5	477 134 - 27 19	358 44 2 - 8 8	69 1- 1- 2	15 5 - - 8	1 13 - - 3	436 61 2 - 8 16
II. Parasitio Dis <b>r</b> ases .	8	-	-		8		1	•	•		1		_	-	1	1		•	-	1
III. DIETETIC DISEASES .	ß	-	22	8	84	12		22	4	38	1	-	8	2	6	٠	-	6	1	11
IV. Constitutional Dis	461	408	1216	119	2204	185	(185	548	124	937	98	114	387	47	591	66	62	202	55	384
V. DEVELOPMENTAL DIS	869		_	361	730	187		-	224	861	108		_	108	216	92	1		117	211
VI.  1. DISEASES OF NERVOUS SYSTEM 2. , ORGANS OF SPECIAL SENSE 3. ,, CIRCUL. SYSTEM . 4. ,, RESPIR. SYSTEM . 5. , DIGESTIVE SYSTEM 6. ,, LYMPHATIC SYSTEM AND DUCTLESS GLANDS	11 16 1545 364	45 142	410 785	ļ	15 726 2915 805	05 3 6 415 152	2 86 58	249 251	212 270	994	181 4 2 878 88	1 17 84	125 169	1 99 146	722	89 2 3 229 77	1 9 26	1 74 95	91 155	177 505
7. "URINARY SYSTEM. 8. "REPRODUCTIVE SYSTEM:— (a) DIS. OF ORGANS OF	37	89	181	69 7	266 43	11	8	68		128	1			14	58 11	1	6	26	23	56 11
GENERATION (b) DISEASES OF PARTURITION  9. OBGANS OF LOCOMOTION 10. INTEGUMENTARY SYSTEM	12 17	1	50	-	48 51 84 87	- 5 7	2 11	27 16 4	- 5 8	29 87 15	- 4 5	1 8 2	12 7 4	2 2	18 21 18	- 3 7	8	9 10 2 4	5	10 13 17

## in Eight of the Principal Towns of Scotland. Year 1887.

								-			_				_	_				_	
	•	BE	EN (	OCK.	•		L	EIT!	H.			PA	ISL	EY.			P	ERT	H.		Total.
CAUSES OF DEATH.	j	6-30	30-60	60, etc.	Total.	Ţ	2-30	30-60	60, etc.	Total.	9-P	6-20	20-60	60, etc.	Total.	9-0	02-9	20-60	60, etc.	Total.	Grand '
ALL CAUSES	712	166	400	226	1504	562	97	345	261	1265	588	159	485	850	1532	206	58	152	180	591	28068
I. SPECIFIC FEBRILE OR ZYMOTIC DIS.	215	18	15	7	255	166	16	17	10	209	117	36	57	22	232	89	17	6	5	117	
II. PARASITIC DIS	2	-	-	-	2	2	-	-	-	2	-	-	-	-	-	-	-	-	-		9
III. DIETETIC "	1	-	2	1	4	2	-	4	-	6			4	1	1		-	2	_	2	108
IV. CONSTIT. "	51	50	128	22	246	57	44	115	28	1 1		1	181	12	! !			48	12	99	
V. DEVELOP. ".	50	-	-	41	91	51	1	-	35	87	43		-	89	131	16		_	84	50	
VI. LOCAL "	335	81	221	144	781	230	85	185	188	638		l		217	862		ļ		125		14452
VII. VIOLENCE "	11	18	27	7	58	18	1	18	4	36	8	7	15	9	89	3	8	4	8	13	847
VIII. ILL-DEFINED AND HOT SPEC. CAUSES	47	4	12	4	67	41	-	6	1	48	65	6	9	_	80	17	-	4	1	22	1173
I.  1. MIASMATIC DISEASES 2. DIARREGAL 3. MALARIAL 4. ZOOGENOUS 5. VERREAL 6. SEPTIC 7.	182 27 - 1 8 2	-	3 - -			51 -	15 - 1 - -	7 1 - 1 8	6 - 1	58 1 - 4	87 1	3 2 -	7 1 -	14		15 1	-	2 - - 1 8	4	83 19 1 6	722 10
II. Parasitic Diseases .	,	-	-	_	2	3	-	•	-	9		-	-	-	_	1	-		_	_	9
III. DIRTETIC DISEASES	1	-	2	1	4	2		4	-	6	2		4	1	7	_	-	2	-	2	108
IV. Constitutional Dis	51	50	128	22	946	57	44	115	28	289	38	50	131	12	231	17	22	48	12	99	4932
V. Developmental Dis	50	-	_	41	91	51	1	-	85	87	42	_	-	89	181	16	-		34	50	1877
VI.  1. DISEASES OF NERVOUS SYSTEM 2. OBGANS OF SPECIAL SENSE 3. CIRCUL SYSTEM 4. RESPIR. SYSTEM 5. DIGESTIVE SYSTEM 6. LYMPHATIC SYSTEM AND DUCTLESS GLANDS 5. URINANY SYSTEM REPRODUCTIVE SYSTEM: (a) DIS. OF ORGANS OF GENERATION (b) DISEASES OF DAR- TURITION 10. ORGANS OF LOCUMO- TION 10. INTEGUMENTARY	888 2 - 1877 500	- 8 22 10 - 1	1 43 1 49 74 22 2 1 1 16 1 9 2	40 49 12	1 26 2 9	1 146 36	- 5 10 2	27 1 9 1 10	62 64 11 - 9	76	- 3 171 58 - 1	- 6 21 18	52 105 20 1	74 17	106 371 108	- 47 8 - 1	1 2 2	25 28 10 1 6	29 35 15 - 8	55 107 85	34 2024 6213 1823 19 608
SYSTEM	4	1	3	-	8			2	2	4		_	-	-	-	_	_	1		1	Ľ

#### DEATHS from all Causes at Four Periods of Life Year 1887.

T																				_
CAUSES OF DEATH.		GL/	LBG(	OW.		1	DII	rev	RG	<b>I</b> .		DU	MD:	KE.		4	ABR	RDI	REN	
	9-0	06-4	80-60	60,etc.	Total.	g	06-9	30-60	60,etc.	Total.	j	08-9	30-60	60 etc.	Total.	ğ	2-30	90-60	60,etc.	Total.
VII.																				
1. ACCIDENT OR NEGLI- GENCE	69	52	188	41	846	84	14	60	32	140	56	12	88	16	117	15	7	17	10	49
2. HOMICIDE	2	ļ	2 15	- 8	19	1	-	1	-	2	-	-	-	-	-	-	-	-	-	-
4. EXECUTION	1 -1	-	-	-	-	-	-	-	-	-	-	-	7	-	7	-	-	-	-	-
AIII AIII													_	_	_				_	
Specified Causes .	490	94	119	32	5148	107	1	80	10	148	103	8	23	8	182	68	1	9	10	88
Miasmatic Diseases.	,							İ												
wall-pox { Vaccinated Unvaccinated No statement	-	=	=	=	-	-	-	=	=	=	-	-	-	=	=	-	-	1	=	1
(No statement Chicken-pox	28H	16	- -	=	3 305	2 49	- 8	- -	=	2 46	- 40	- 2	=	Ξ	42	250	26	- 2	=	278
Roidemic Bose Rash Scarlet Fever	145	1	-	=	288	- 84	- 38	11	=	148	108	- 56	ī	=	165	16	1 12	ī	=	1 29
Typhus	1	2	18	=	21	=	2	8	1 -	11	=	8	5	] =	8	=	8 -	3	=	5
Influenza Hooping-cough	609	1 85	1 -	4	7 644	261	14	ī	2 -	276	220	19	=	1 -	1 232	85	2	1 -	-	89 89
Mumps Diphtheria	126		6	=	159	84	16	4	ī	55	1 14	ā	=	=	18	1	8	=	=	7
Cerebro-Spinal Fever Simple and Ill-defined Fev.	.3		2	- 8	5 106	1 6	] =	ī	ī	8	=	=	=	=	ļ. <u>-</u>	į	ī	ī	;	8
Enteric Fever Other Miasmatic Diseases	15	43	45	<u> </u>	-	Ŀ	18 - -	14	- 3	40	Ξ	-	-	Ξ	10	1	10	-	-	18
DIARRHOLAL DISEASES.										İ									ĺ	
Simple Cholera Diarrhosa, Dysentery .	170	11	3 26	21	228	98	ī	7	14	117	104	5	11	14	134	42	Ē	5	12	\$9 -
Malarial Dispases.													ĺ							
emittent Fever	Ŀ	Ξ	E	ī	ī	Ξ	=	ī	=	ī	=	=	E	Ξ	=	- -	=	=	=	2
Zoogenous Diseases.																				
Hydrophobia	=	=	-	-	=	=	=	-	=	=	-	-	-	=	-	-	-	-	-	=
Splenic Fever Cow-pox and other effects	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
of Vaccination .		<u> </u>	<u> </u>	<u> </u> -	-	اتــا	ᆖ	<u> </u> -		<u> </u>	<u> </u>	<u> </u>	-	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u>-</u>	<u> </u>	-
VENEREAL DISEASES.													}							
Syphilis Gonorrhosa, Stricture of ('rethra	41	-	9	2	50	24 	-	8	<u>-</u>	25 3	27	-	-	<u>-</u>	27	8 -	·  -	-	-	-
PTIO DISEASES.																				
Phagedena . Erysipelas . Pyemia, Septicemia . Puerperal Fever .	18 2 -		17 10 44	5 -	46 16 45	1 -	1 2 8	15 5 15	8 -	38 8 18	5 1 -		- - 6	5	12 1 6	8 -	3	1 2 5	2 1 -	6 5

#### in Eight of the Principal Towns of Scotland. Year 1887.

						3	t ea	I 1	188	7.											
CAMPING OF DEATH		GRI	EN	OCK			L	EIT	H.			PA	ISL:	EY.			P	EBT	H.		Grand Total.
CAUSES OF DEATH.	J	8-3	20-60	60,etc.	Total.	Ţ	2-30	09-08	60,etc.	Total.	ŗ	9 <del>. 1</del>	క్	60, etc.	Total.	ı	8	8	60, etc.	Total	Grand
VII. 1. ACCIDENT OR NEG-								•			5	7	13	8	82	8	3	4	8	13	786
2. Homicide	11	18	25	6	55	18	1	17	4	85	8	<u>'</u>	<u>'</u> -		8	_	_	-	-	-	9
3. SUICIDE	_	-	2	1	8	_	_	1	_	1	_	-	8	1	4	-	-	-	-	-	5.0
4. EXECUTION	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
VIII. ILL-DEFINED AND NOT SPECIFIED CAUSES .	47	4	12	4	67	41	-	6	1	48	65	6	9	-	80	17	-	4	1	22	1173
MIASMATIC DISEASES.  (Vaccinated Unvaccinated (No statement Chicken-pox Measles Epidemic Rose Rash Scarlet Fever Typhus Relapsing Fever Influenza Hooping-cough Mumps Diphtheria Cerebro-Spinal Fever Simple and III-Defined Fev. Enteric Fever Other Miasmatic Diseases	2		8 6 -		17 11 6 - 149 - 7	15 81 11	1 8 2 - 4 -	111		16 14 1 18 -		1 8 - 2 1 - 21 -	9 1 24	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	3 3 11 10 - 52 - 11	10 - 15 - 1	778-1	1		9 11 23 40 2 - 1 4	1 1 2 2 5 718 889 62 - 14 1563 284 245 1
DIARRHGIAL DISHASES. Simple Cholera	27	  -	1 2	5	1 84	1 50	-	- 1	- 6	1 57	- 87	- 8	7	14	61	_ 16	-	1.1	-4	- 19	13 709
Diarrhosa, Dysentery .	<del>Ľ</del>	┝	<u> </u>	<u> </u>	-	<del>-</del>		-	Ť		<del>                                     </del>	-				П				_	
MALARIAL DISEASES.  Remittent Fever	<u>:</u>	=	-	-			1 -		-	1 -	ī	2	ī	-	2 2	1	-	-	-	1 -	64
ZOOGENOUS DISEASES.  Hydrophobia Glanders Splenic Fever Cow-pox and other effects of Vaccination	- - 1	-		-	- - 1		-		-	111	111		111		1 1 1		-	-	- - -	111	- 1
VENERBAL DISEASES.  Syphilis Gonorrhosa, Stricture of Urethra	3 -	-	  -  -	1 1	8 -	2 -	-	1	1 -	8	3 -	-	1	-	4	5		1	-	<b>5</b>	195
SEPTIC DISEASES.  Phagedsona .  Rrysipelas Pysemia, Septicamia .  Puerperal Fever	2 -	1 -		-	- 8 - 4		-	- 1 1 6	- 1 -	1 6	2 1 -	1 2	119	5 -	11 3 11	4		- 1 1	ī -	- 6 1 1	119 35 96

								-												
		GLA	\BG(	W.		E	DIN	BU:	RGE	.1		DŪ	MD:	RE.		4	ABE	RDI	EN.	
CAUSES OF DEATH.	0-5	9-30	80-60	60, etc.	Total.	9-0	5-20	20-60	60, etc.	Total.	3	9-30	20-60	60, etc.	Total.	ş-j	6-30	30-60	60, etc.	Total
PARASITIC DISEASES.  Thrush Other Dis. from Veg. Parasites Hydatid Disease Other Dis. from Animal Paras.	3 - -	1 1 1			8	1111	-	-	1111	1111	1	-	-		1	1 -	-			1
DIETETIC DISEASES. Starvation, Want of Breast Milk Scurvy [Chronic Alcoholism Delirium Tremens .	9 -	-	1 17 4		9 1 20 4	12		- 18 4	4 -	12 - 22 4	1 -	=	3 -	2	1 - 5 -	4	-	- 6 -	1	4 - 7 -
CONSTITUTIONAL DISEASES.  Rheu. Fever, Rheu. of Heart Rheumatism Gout. Rickets Cancer Tabes Mesenterica Tuber. Mening. (Acute Hydro.) Phthisis Ot. forms of Tuberculosis, Scrof Purpura, Hæmorrhagic Diath. Ansemia, Chlorosis, Leucocyth. Diabetes Mellitus. Other Constitutional Diseases	77	16 3 - 2 57 30 254 42 2 - 2	18 6 - 176 11 28 968 23 4 8 6 1	87 -	81 11 19 266 191 175 1835 144 8 14	9 3 25 69 11 17 1	3 - 3 2 14 23 75 13 1 1	14 - - 113 3 4 875 12 4 12 5	1 17 1 - 3 2	20 2 8 12 210 45 96 478 43 6 16 7	1 - - - - - - - - - - - - - - - - - - -	3 	7 1 - 46 2 270 8 2 4 - -	1 	12 1 - 5 83 47 44 367 20 4 8 - -	17 85 11 11 -	2 1 - 1 4 12 84 7 - 1	6 2  40  2 141 6  3 2	1 - 3 - 42 1	9 3 2 1 63 21 49 185 24 
DEVELOPMENTAL DISEASES.  Premature Birth Atelectasis Cyanosis Spina Bifida Imperforate Anus Cleft Palate, Hare-lip Other Congenital Defects Old Age	323 7 8 14 3 3 11	-	111111	361	7 8 14 8	5 2	11111		-	11× 5 2 3 - 2 7 224	93 8 2 4 - 1			108	98 8 2 4 - 1 108	70 11 5 5 - - 2				70 11 8 8 
DISEASES OF NERWOUS SYSTEM.  Inflam of Brain or its Membranes Apoplexy Softening of Brain Hemiplegia, Brain Paralysis Paralysis Agitans. Insanity, Gen. Par. of Insane Chorea Epilepsy Convulsions Laryngismus Stridulus Idiopathic Tetanus Paraplogia, Dis. of Spinal Cord Other Dis. of Nerwous System.	18 - 5 - 4 191 21 1	3 - 1 9 9	8	118 24 152 1 4 - 5 3 -	307 269 82 248 1 7 1 28 206 21 37 204	8	19 2 - 1 - 1 1 8 2 1 1 1 1 5	14 47 4 22 - 13 - 10 2 - 2 6 23	15 72 - 2 - 2	97 134 19 96 1 17 100 9 4 11 78	40 8  - 1 72 - 1	21 2 - 2 - 1 - 2 4	31 4 21 - - 1 1 - - 5 3	1 44 9 44 	66 80 18 67  2 4 75 -1 12 24		16 4 2 - - 2 3 - - 3	5 21 2 15 - 9 - 3 - - 4 8	2 58 7 45 1 2 - 4 - - - 4 7	54 83 11 60 1 11 - 9 49 - - 8
DISEASES OF ORGANS OF SPECIAL SENSE. Otitis, Otorrhosa Epistaxis and Disease of Nose Ophthalmia and Disease of Eye	7 2 2	2 -	2 -	- -	11 2 2	-	2 -	ī -	- - -	8 1 -	8 - 1	1		ī	4 1 1	2 -	1 -	1		3 - 1

### in Eight of the Principal Towns of Scotland. Year 1887.

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		GRE	BN (	DCK	•		L	BIT:	E.			PA	ISL	EY.			P	ERT	H.		tal.
CAUSES OF DEATH.	9-0	\$-30	20-60	60, etc.	Total.	9	2.30	20-60 20-60	60, etc.	Total	ş	8-20	30-60	60, etc.	Total.	ı	6-30	96 98	60, etc.	Total.	Grand Total.
Parasitic Dispases.																					
Thrush Other Dis. from Veg. Parasites Hydatid Disease Other Dis. from Animal Paras.	-		=======================================	= =	2 - -	2 - - -	=	-		2 -	- - -	=	=	=	-		=	- - -	- - -	=	-
DIETETIC DISEASES.																					
Starvation, Want of Breast Milk Scurvy Intemp. (Chronic Alcoholism Delirium Tremens .	1 - -	=	3	- 1 -	1 - 8 -	3 - -	=	- 8 1	- - -	3 1	2 - -	- - -	-	- 1	2 - 5 -	:	:		- -	- - 2	81 67 9
CONSTITUTIONAL DISEASES.  Rheu. Fever, Rheu. of Hear Rheumatism	-	2 -	1 1		3 1	  -	1	-	-	ī	1 -	=	1 2	2 1	4 8	ļ		2	ī	2 1	81 28
Gout . Rickets Cancar Tabes Mesenterica Tuber: Mening. (Acute Hydro.) Phthisis Ot. forms of Tuberculosis Scrof.	- 24 10	- 2 5 86 5	26 - 1 90 4	18 1	44 27 16 189 15	1 18 26 10 4	1 1 5 6 29	28 - - - - 83 1	15 1 1 - 4	2 44 19 82 126 5	13 13 12 5 6	- - 2 1 42 8	22 22 2 101	1 5 - 1	1 27 17 18 149 11	9 4 2 2	- - 2 2 15	18 - - 30 1	10	28 11 6 48 5	40 780 376 431 2827 267
Purpura, Hemorrhade Diath. Amemia, Chlorosis, Leucocyth Diabetes Mellitus Other Constitutional Diseases.			-	ī -	- 1 - -	1 -	- -	8 -	8 -	8 7 - -	-	1 1 -	2 -	i - -	1 8 1 -	-	1 -	1	1	1	2: 86 16
DEVELOPMENTAL DISEASES.  Premature Birth . Ateleotasis . Cyanosis . Spina Bifida .	36 9 - 3				36 9 - 3	48 - 1 2			11111	48 - 1 2	40 1 - 1				40 1 -	14 - 2 -				14 - 2 -	742 41 20 83
Imperforate Anus Cleft Palate, Hare-lip Other Congenital Defects Old Age	1 1 -	=	- - -	41	1 41	=	- 1 -		35	 1 85		- - -	- -	99	89	:	=	- - -	84	- 34	24 1009
DISEASES OF NERVOUS SYSTEM.														,		:	:	_			
Inflam. of Brain or its Membranes Apoplexy Softening of Brain Hemiplegia, Brain Paralysis Paralysis Agitans Insanity, Gen. Par. of Insane Chorea	60 1 - 1 -	23	16 2 10 - 1	18 14 -	85 81 2 25 - - 2	1	1 - - - 1	11 2 15 -	19 14 -	10 32 2 29 -	84	8 - - - 1	3 18 3 20 - 1	81 82 2 2	45 49 3 59 2 3	3	4	6 1 7 -	1 13 2 17 -	8 21 3 24 -	679 691 8. 601 4 87
Epilepsy Convulsions Laryngiamus Stridulus Idiopathic Tetanus Paraplegia, Dis. of Spinal Cord Other Dis. of Nervous System.	17 4 - - 5	2 - 1 1	2 - - 1 9	3 3	19 4 	1 25 - 2 1 9	1 - 1	2 - - 2 2	1 - - 2 1	6 26 - 2 5 18	30 1 1 -	1 2	4 - - 2 10	1	5 81 1 3 29	. 8	-	1 - - 2 -	1 1 2	3 8 9	505 8. 1: 84 89;
DISEASES OF ORGANS OF SPECIAL SENSE.																					
Otitia, Otorrhoza . Spistaxis and Disease of Nose . Ophthalmia and Disease of Kye	2 - -	=	1 -	-	3 -	=	=	- - -	- - -	-	- -	- -	=	=	- -	-	- - -	- -	=	111	21 4

#### DEATHS from all Causes at Four Periods of Life Year 1887.

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		GL/	<b>LSG</b>	ο <b>w</b> .		P	DI	IBU	RGI	I.		DU	ND:	EE.		4	\BE	RDI	ERN	•
CAUSES OF DEATH.	ş	6-20	20-02	60, etc.	Total.	j	2-30	20-80 20-80	60, etc.	Total.	<b>3</b>	8-20	09-08	O, etc.	Total.	9-0	6-30	20-60	60, etc.	Total.
DISRASES OF CIRCULATORY SYSTEM.  Endocarditis, Valvular Dis Pericarditis	8	39 4	395 3	211	583 9	• -	29	7	1	<b>349</b> 11	1 -	16	106	77	200	3 -	9	58	71	141
Hypertrophy of Heart Angina Pectoris Syncope Aneurism Senile Gangrene Embolism, Thrombosis Phlebitis Varicose Veins	1141111	1	10 9 15 17 1 13 1	8 4 8 1 12 4 -	18 18 28 18 18 16 1	1 - 1	1 - 9	17 6 91 14 1 5	16 5 18 8 8 5	28 11 41 17 4 18 1	1		4 8 5 2 - 1	6 1 5 -2 4 -	10 4 11 2 3 4 1			4 2 6 1 3	2 3 2 8 1	6 2 5 8 8 2 2
Other Diseases of Circulatory System  DISEASES OF RESPIRATORY SYSTEM.	8	1	16	5	25	<u>-</u>	1	8	14	23	-	-	4	3	7	<u> -</u>	-	1	1	2
Laryngitis Croup Other Diseases of Larynx and Trachea Emphysema, Asthma	13 183 4 2	4 9 - 1	3 - 1 9	1 4	21 142 6 16	11 89 2 1	2 7 1	1 1 9	- 4	18 47 4 14	7 14 8 - 206	- 10	1 - 3 76	- - 1 85	8 15 3 4 377	3 10 - 1 161	1 1 - 4	1 - - 3 48	- - 2 106	8 11 1 6 819
Bronchitis Pneumonis Pleurisy Other Diseases of Respiratory System	756 461 10 166	61 57 1 9	386 298 26 67	8	1538 882 40 270	227 111 6 18	18 23 3 4	75 121 21 21 23	177 61 9 19		206 130 2 11	14 6 3	74 5 10	48 2 10	266 15 84	101 41 1 12	15	81 7 5	39 3	196 11 23
DISEASES OF DIGESTIVE SYSTEM.																				
Stomatitis Dentition Sore-throat, Quinsy Dyspepsia Hæmatemeais Melena Diseases of Stomach Entertitis Ulceration of Intestine Ileus, Obstruction of Intestine Strict, and Strang, of Intestine Intussusception of Intestine Intussusception of Intestine Fistula Fistula Fertionitis Ascites Gallstones Cirrhoeis of Liver Other Diseases of Liver Other Diseases of Liver	2 1 - 48 - - - 18	1 - 2 - 7 18 4 6 1 - 1 - 19 1 - 7 2	1 - 8 7 4 1 1 42 20 2 20 4 1 1 1 8 48 6 5 1 1 18 6 6 1 18	9 - 9 2 - 8 1	8 102 18 25 8 1 127 139 6 43 7 3 21 4 113 6 2 16 115 41	448 2 1 12 42 - 5 - 1 2 - 10 - 15 9	1 8 1 8 1 1 5 2 1	3 1 1 16 9 2 9 - 6 1 17 - 8 13 10	1 1 6 7 2 7 2 7 2 11 2 6 1 2 5 1 7	48 6 3 2 85 61 5 24 2 1 48 1 2 14 45 27	3 36 2 - 1 1 6 15 - 1 - 7 7 7	1 1 2 1 1 1 1 2 2 4	11 193 19443 11 1191 1663	41118811	3 36 3 2 5 1 20 22 6 12 - 3 2 2 - 80 1 1 - 6 20 14	1 27 1 2 - 11 18 12 - 6 8 8	38 3 1 1 1 5 5 1 1 1	111233811-2-7	1 2 - 4 6 1 - 4 - 2 2 9 5	1 27 2 3 8 - 28 18 3 9 2 1 7 - 26 - 7 21 11
DISEASES OF LYMPHATIC SYSTEM & DUCTLESS GLANDS. Diseases of Lymphatic System Diseases of Spleen Bronchocele Addison's Disease		1 -	2 2		3 2 -	1111	,,,,	1 - 1	- 1	1 1 - 2	8 -	1	1 - 1		5	1111	1	-		1
Acute Nephritis Bright's Disease Uremia Suppression of Urine Calculus Hæmaturia Diseases of Bladder and of Prostate Other Diseases of Urinary	15 2 2 - 2 -	15 16 2 - - - - 7	25 59 5 1 2 1 10 28	9 17 2 3 8 3 22	64 98 11 8 7 4 33	1 4	8 8 	10 25 2 1 1 -	1 6 4 1 4 - 18	18 85 7 2 6 - 24 36	1 1 1	7 7 1	4 11 2 9	5 6 8	12 24 - - - 9	1	2211112	5 6 2 - - 1 1	3 7 1 2 - 8	10 15 3 2 - - 9

### in Eight of the Principal Towns of Scotland. Year 1887.

								-		57.	_										
	(	BRE	EN	OCK.	,		L	RIT	H.			PA	ISL	EY.			Pl	CRT	H.		별
CAUSES OF DEATH.	0-5	6-20	30-60	60, etc.	Total.	3	<b>6−3</b> 0	90-60	60, etc.	Total.	j	9-30	90-60	60, etc.	Total.	9-0	2-30	20-60	60, etc.	Total.	Grand Total.
SEASUS OF CIRCULATORY SYSTEM.						,															
Endocarditis, Valv. Dis. Pericarditis Hypertrophy of Heart Angina Pectoris Syncope Aneurism Senile Gangrene Embolism, Thrombosis Phiebitis Varicose Veins Other Dis. of Circulatory System	11111111111	1	41 1 - 8 1 - 1 -	36 1 - 1 1 - -	88 2 1 1 4 2 1 1 -	1	1	35 2 3 3 3 1 1 4	42 -4 -8 -1 -1 -6	81 6 - 13 2 1 3 - 1	2 - 1 - 1	1	45 9 1 1 1	38 1 5 8 1 2	84 9 7 8 4 1 - 1	11111111111	1	18 - 1 1 1 - 3	22 1 1 1 2 - 1 1	41 1 2 2 3 - 1 - 1	1862 28 83 86 109 50 30 39 7 3
DISPLATES OF BESPIRATORY SYSTEM. Laryngitis	7	1	1	_	9	2	_		_	2	2	1	-	<u>-</u>	8		-	-	-	_	64
Croup Other Dis. of Larynx and Trachea Emphysema, Asthma Bronchitis Pheumonia Pleurisy Other Dis. of Respiratory System	16 - 81 78 - 5	- - 6 13 - 2	- 3 32 29 6		16 4 149 143 7	8 1 - 68 68 1 3	1 9 -	- 1 17 23 3	- 41 12 3 8	8 1 1 127 107 7	19 - 5 105 29 - 11	- - 2 12 2	1 59 41 8	5 58 10 1	28 11 219 92 6	20 20 23 1	2 -	11 9 8	- 1 27 2 - 5	1 60 84 4 6	264 15 57 3286 1956 129 442
DISTRACTION OF DEGRESTIVE SYSTEM.																					
Stomatitis Dentition Scre-throat, Quinsy Dyspepsia Hematemesis Melena Diseases of Stomach Entertits Ulceration of Intestine Ileus, Obstruct. of Intest. Stric. or Strang. of Intest. Intussusception of Intest. Hernia Fistula Peritonitis Ascitee Gallstones Cirrhosis of Liver Other Diseases of Liver Other Dis. of Digest. Syst. DIS. OF LYMPHATICSTETEM	1 1 - 3 1	1	1	1 2 3 - 1 1 2 - 1 2 2 - 1	2 24 1 2 - 6 18 - 6 1 1 - 2 2 - 12 2 2 - 3 1 2 3 1 2 3 1 2 3 1 2 3 1 2 3 1 2 3 1 2 3 1 3 1	2 5 	1	3 2 2 1 - 1 9 - 1 5 8 8	1	2 5 1 1 	30 2 	1 8 - 1 6 2	7 2 1 6 1 2 1	1 5 - 1 - 2 4	30 2 	211	1	1 2 1 1 3 1	1 2 - 1 3 1 - 4 2	3 1 2 - 8 5 - 2 - 2 - 7 1 - 7 3	20 274 84 84 20 2 285 297 23 100 18 11 56 9 278 11 50 247
AND DUCTLESS GLANDS.  Dis. of Lymphatic System  Diseases of Spleen  Bronchocele	  -  -	-		=	  -  -  -	  -  -	  -  -	1 -	  -  -	1 -	-	-	-	-			-	- - 1		- 1	10 4 1
Addison's Disease .  DISEASES OF URINARY SYSTEM.	-	-	<u> </u>	<u>  -</u>	Ė	Ī	-	-	<u>-</u>	_	F	<u> </u>	-	<u>-</u>	_	-	-		<u>-</u>	-	-
A cute Nephritis Bright's Disease Ursenia Suppression of Urine alculus Hamaturia Dis. of Bladder and of Prostate Other Dis. of Urinary System	1	1	1 8 4 8	3	9 12 - - - 9	1	4 2 2	8 1 - - -	1 4 2 2	12 9 8 - - 2	1	2	5 8 - - - - 1	- - - 6 2	8 11 - - - 6 4	1	1	1 5	1 1 5	1 1 2 5 7	127 200 26 7 13 4 97

#### 40 DEATHS from all Causes at Four Periods of Life Year 1887.

	_					Γ-					_								_	_
		GL/	18G	<b>.</b>		E	DIN	BU:	RGE	ī.	l	DU	ND	ER.		_ 4	ABE	RDI	EEN	i. 
CAUSES OF DEATH.	9	6-20	99-08 09-08	60, etc.	Total	9-0	6-20	09-08	60, etc.	Total.	j	02-9	20-60	60, etc.	Total.	រូ	6-20	80-60	60, etc.	Total.
Diseases of Organs of Generation.																				
Ovarian Disease Diseases of Uterus and Vagina Disorders of Menstruation Pelvic Abscess Perineal Abscess Dis. of Testes, Penis, Scrotum, &c.			12 19 1 2 -	1 - 2	18 22 1 8 - 4	11111	11111	11 9 - 1 1	1	12 10 1	ī - -	1	9 5 - -	- 1 1	2 6 1 1 1	11111	-	3 4 1 1 -	1	1 :
DISEASES OF PARTURITION.															١.				ĺ	١.
Abortion, Miscarriage Puerporal Mania Puerporal Convulsions Placents Previa, Flooding Phlegmasia Dolens Other Accidents of Childbirth	11111	1 -	1 8 9 2 38		1 2 4 9 2 83	11111	2	1 8 - 22		1 8 8 22	, , , , , ,	- - - 1	2 - 1 2 - 7		2 - 1 2 - 8				-	4
Diseases of Organs of Locometion.																				
Caries, Necrosis	9 8 -	22 8 16	15 - 8	2 1 5	48 7 <b>2</b> 9	8 - 2	5 1 5	10 1 5		20 8 14	3 - 1	1 8	2 2 3	1 - 1	10 3 8	- 3	5 1 2	1 - 1	=	1 6
DISEASES OF INTEGUMENTARY SYSTEM.																				
Carbuncle Phiegmon, Celiulitis Lupus Ulcer, Bed-sore Exzema Pemphigus Other Dis. of Integument. Syst.	- 4 - 1 7 8 2	1	1 9 - 1 - 1	- 8 - 1	1 14 - 5 7 5 5	1 2 3 7 1	1	1 - 1	ī ī ī	5 -4 8 1 2	- 2 - 2 - 1	1 - 1	1 2	1 1 92 1 1 1	1 4 - 4 8 - 1	1 - 1411	1	1 - 1	5	6 4 1 2
ACCIDENT OR NEGLIGENCE.			_																	
Fractures, Contusions Gunshot Wounds Cut, Stab Burn, Scald Poison Drowning Suffocation Otherwise	8 - 26 1 - 29 5	21 - 1 11 1 9 1 8	80 2 1 - 12 9 50 12 18	88 - - 4 - 2 2	142 2 58 11 61 44 81	5 - 10 1 - 16 2	6 - 2 1 2 - 8	81 -4 8 5 8	22 - 4 1 2 1	64 3 20 11 9 20 13	6 - 9 - 1 88 9	5 1 1 8 1 91 1 98	15 1 6 - 4 4 8	6 - 1 - 8 - 1 - 20 - 20 - 20	21 - 21 - 9 44 10	1 - 4 - 1 7 2	3 1 - 2 - 1	6 - 214 - 4	8 1	16 1 - 11 1 6 7
Homicidu.																				
Murder, Manslaughter Suicide.	2	<u> </u>	2	<u> </u>	-4	1	_	1		2	-				-	-		-	-	Ŀ
Gunshot Wounds Cut, Stab Poison Drowning Hanging Otherwise	11111	1	1 5 1 1 6 1	1 1 -	1 6 2 7 1	11111	1 1 1 1 1	2 6 - 1 ·2	1 - 1 1	2 7 - 9 8		11111	1 2 - 4 -	111111	1 2 - 4 -	11111	1 1 1 1 1	2 2		9 2
Execution.																				
Hanging .	٥	-	-	<u> </u> -	-	<u> </u>				-	<u> </u>	_		-	_	_	-	-	-	-
Ill-Defined and not Specified Causes.																			j	
Dropsy Debility, Atrophy, Inanition Mortification Tumour Abscess Hæmorrhage Sudden (cause unascertained) Other Ill-def. & not spec. causes	5 368 1 - 8 8 7 28	6 5 1 - 8 1 1 2	20 27 1 7 9 5 26	12 - 1 1 1 - 7 11	48 400 3 8 26 9 41 58	1 99 1 - 8 - 3	1	14 5 - 8 4 1 1 2	3 - - 5 - 1 - 1	18 104 1 8 8 2 1 6	1 90 1 - 8	1 1 1	1 1 1 2 - 3	2 1	8 102 2 - 5 8 - 12	60 5 1	ī	- - 1 - 2	3 - 2 3 - 1	3 66 9 - 2 6

## in **B**ight of the Principal Towns of Scotland. Year 1887.

	9	BRI	ED(	OCK	•		L	BIT	H.			PA	18 <b>L</b>	EY.			P	ERT	H.		ig S
CAUSES OF DEATH.	970	6-30	00-06	60, etc.	Total	į	8-3	0 <del>0</del> -08	00, etc.	Total.	រិ	2-30	0 <del>9</del> 08	co, etc.	Pote	ı	5-30	90-60	60, etc.	Total	Grand Total.
Disease of Organs of Generation.																					
Overian Disease Dispasse of Uterus and Vagina Disprets of Monitrontion Pelvic Absects Perfural Alsects Discot Testes, Punis, Servium, &c.			1	1 -	1117	1		1 -		1 2	:	1	9 - 1		2 - 1	:	-	1 - 1		1 - 1	35 47 8 7 8 7
DESEASES OF PARTURITION.		_	-	-	┢	Ė	_	H	┢	F	一		-	<u> </u>	<u> </u>	F	-	-	_	一	1
Abertion, Miscarriaen Puerperal Mania Puerperal Convulsions Placenta Previa, Pleoding Phisymesia Dolens Other Accidents of Childbirth	111111	F11111	1 1 1 - 5		1 1 1 - 5			- 1 1 - 8		- 1 1 - 8		-	1 1 - 3 - 5		3 - 5			2 1	-	2 - - - 1	10 4 10 28 9 86
Dismass of Organs of Locomotion.																					97
Caries, Negrosis Arthritis, Ostitis, Periostitis Otiper Dis. of Organs of Losem.	1	1 5	1	1 -	7 8 6	Ξ	1 7	-	1	1 1	i	3	3	]	5	Ξ	ī	=	- -	-	18 71
Degrases of Integumentary System.												-		-							
Casbuncle Phismon, Callulitie Lujus Ulder, Bed-sore Ecsema Pospikicus Other Dis. of Integument. Syst.	1	1	1 - 12		1 3 - 3 - 1	7	111111	1	1	1 1 - 2						111111	111111	1		1	5 31  24 17 7 11
ACCIDENT OR NEGLIGENCE.  Fractures, Contusions Guhahot Wounds Cut, Stab Bayn, Scalil Polson Dewning Susception	8 - 5 - 5 - 2	8 - - 1 1	9 - 2 - 10	4	24 - 8 1 18	2 - 3 17 1	1	8 - 1 3 5	4	15 - 4 4 6	9 - 1 - 1	3	6 2 2	4	15 - - 8 8 5	1 - 1	1	8 -	1 - 2	8	314 7 1 123 81 110
Suffocation	1 -	8	3	ī	7	6	-	1.3	-	6 -	1 -	3	2	ī	1 5	1 -	3	-	-	2	125 75
Homoden.  Murder, Manslaughter	-	_	_	_	-	_	,	_	-	-	8	-		-		_	-	-	_	-	9
SUREDE.  Gunshot Wounds			ī - - 1	- - 1	1 - 3	11111	11111	1	11111	1	111111		1 - 9	1	1 - 3	11111	11111	-		111111	4 18 2 2 20 6
Exacution. Hanging	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	· -		•
ILL- <b>Despine</b> d and not Specified. Causes.																					
Dropsy Debility, Atrophy, Inanition Maratheation Tumour Abscess Hismographic Sudden (cause unascertained) Other III-def. & not spec. causes	1 41 1 - 1	1 - 8	2 7 - 2 - 1	4	7 48 1 - 8 - 1 7	85 - 1 - 2 3		1 - 2 - 1 2 -	1	1 36 - 2 1 1 2 3	- - 1 - - 2	1 - 1 - 1	- 6 - 1 1		70 1 - 8 1 -	14		2 2	- - - 1		81 842 8 20 \$5 16 49

# 42 VI.—DEATHS from all Causes in Eight of the Principal

·· VI. DEMIA				<del></del>		<u>z</u>		r th	240	44	- Pr	<u> </u>	
CAUSES OF DEATH.	January.	February.	March.	April	May.	June.	Julg	August.	September.	October.	November.	December.	Year.
ALL CAUSES	2770	2225	2813	2408	2371	2187	2097	2126	1983	2159	2877	2557	28068
I. SPECIFIC FEBRILE OB ZYMOTIC DISEASES II. PARASITIC III. DIETETIC IV. CONSTITUTIONAL IV. DEVELOPMENTAL VI. LOCAL VII. VIOLENCE VIII. LIL-DEFINED AND NOT SPECIFIED CAUSES	348 1 15 463 190 1565 81 112	868 1 9 848 158 1177 71 98	508 11 483 174 1474 57 106	409 -3 487 148 1176 84 96-	859 1 4 457 164 1232 71 88	149 1 6 440 159 1072 68 92	418 8 10 896 140 966 78 91	481 1 10 269 154 991 78	392 -7 356 123 958 54	855 1 12 402 143 1103 69 83	851 	367 10 376 164 1421 79	4670 9 108 4939 1877 14459 847
I. 1. MIASMATIC DIREASES 2. DIARRHGAL ,, . 8. MALARIAL ,, . 4. ZOOGENOUS ,, . 5. VENERAL ,, . 6. SEPTIC ,, .	281 81 - 11 20	310 30 1 10 11	489 86 4 17 12	358 26 - 9 16	305 24 - 11 19	279 42 2 12 14	266 120 1 - 11 15	238 167 1 - 9 21	289 123 13 17	53 58 1 - 6 37	286 26 - 9 30	806 89 - 14 88	3555 722 10 132 250
II. Parabitiq Diseases .	1	1	_	_	1	1	8	1	7	1	- -	-	9
III. DIETETIC DIREASES	15		11	3	4	6	10	10	7.	12	11.	10.	100
IV. Constitutional Diskases .	463	848	483	487	457	140	396	369	856	402	355.	276	4942
V. Developmental Dibrages .	190	154	174	148	164	159	140	154	123	148	160	16(	1977 .
VI.  1. Dib. of Nervous System 2. ,, Organs of Special Serse 3. ,, Circulatory System 4. ,, Respiratory System 5. ,, Digestive System 6. ,	826 6 228 767 149	270 3 184 540 125	327 216 651 171	254 1 155 523 149	297 8 167 518 156	276 4 158 412 141	242 6 145 816 178	223 3 168 322 181	284 188 896 159	248 8. 160 484 185	257 1. 167. 681. 152-	264 208 716 189	8218 84 9004 6218 1823
6. ,, Lymphatic System and Duotless Glands	2 44	6	8 58	1 50	1 51	50	1 48	42	57	2 48	2 61	3 49	19
. tem— (a) Dibeases of Organs of Generation . (b) Dibeases of Partu-	6	1	8	13	7	8	18	14	18	2	.7	9	.103
9. ,, ORGANS OF LOCONO-	8		16	10	10	12	7	14	4	11	15	18	185
TION . 10. ,, Integumentary Sys- tem .	20 14	10 6	19	17 3	16 7	9	18 10	16 8	11	12 8	12 12	19 7	186 95

Towns of Scot			icra f	1 01	GET: A	WA11		M - £1	10 .	GET			
CAUSES OF DEATH.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Year.
VII.  1. ACCIDENT OR NEGLIGENCE . 2. HOMICIDE . 3. SUICIDE . 4. RESCUTION .	76 2 3 -	70 1 -	58 - 4 -	76 2 6	<b>6</b> 5 1 5 -	<b>5</b> 8 1 9	70 2 6	77	51 8	59 - 1	59 7 -	72 1 6	786 9 52
VIII. ILL-DEPINED AND NOT SPECI- PERD CAUSES	112	98	108	96	88	92	91	<b>\$</b> 2	98	83	117	110	1178
MIASMATIC DIBRASES.  Vaccinated Unvaccinated No Statement Chickenpox Measles Epidemic Rose Rash Scarlet Fever Typhus Relapsing Fever Influenza Hooping-Cough Mumps Diphtheria Cerebro-spinal Fever Simple and Ill-defined Fever Enteric Fever Other Miasmatic Diseases	- - 1 56 1 60 8 - 1 160 - - - - - - - - - - - - - - - - - - -	86 65 4 1119 18 - 8 14	203 61 7 1128 28	125 37 4 3 147 1 19	72 1 82 6 - 167 1 15 - 10	1 - - - - - - - - - - - - - - - - - - -	11 14 18 88 4 1 175 18 - 3 11	1 	568 7 	- 2 - 14 89 8 - 1 97 - 25 - 22		51 68 51 6 -4 114 32 -1 34	1 1 2 5 718 839 62 -14 1568 3 284 -14 245
Diarrectal Diseases. Simple Cholers Diarrhoss, Dysentery	2 <b>29</b>	<b>\$</b> 0	- 86	25 25	24	42	7 118	1 166	1 122	1 57	28	39	18 709
MALARIAL DISEASES. Remittent Fever , Ague	-	1	2 2	1 1	-	. 2	.1	ī	1	ī			6
ZOCCEPOES DEFEASES.  Hydrophobia Glanders Splenic Fever Cowpox and other Effects of Vaccination		- - 1	1 1 1 1	.   1   1	- - -	-		1111	1111			111	1
VENERHAL DISHASES. Syphilis Generices, Stricture of Urethra	10 1	9 1	17	7 2	10 1	11	10	9 -	13	6	9 -	14	125 7
SEPTIC DISEASES. Phagedona Rysipelas Pyzmia, Septiczmia Pusrparal Fover	11 2 7	- 6 3 2	- 8 1 3	7 - 9	- 8 4 7	- 7 2 5	- 5 4 6	- 9 4 8	9. 1 7	15 8 14	15 2 18	19 4 15	119 85 <b>96</b>

# DEATHS from all Causes in Eight of the Principale

CAUSES OF DEATH.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Year.
PARASITIC DISEASES.  Thrush Other Dis. from Veg. Parasites Hydatid Disease Other Dis. from Animal Para.	1	1	1111	1111	1	1 -	3	1	rosās		117 10.00 10	estato none same	A. 正是是是 A. 正是是是
DIETETIC DISEASES. Starvation, Want of Breast Milk Scurvy Intemp. { Chronic Alcoholism Delirium Tremens .	1 12 2	3 - 3 3	5 6	1 - 2 -	2 - 2 -	3 - 3 -	2 - 7 1	3 -6 1	2 - 5 -	2 1 8 1	3	4 5 1	31 67 9
CONSTITUTIONAL DISEASES. Rheumatic Fever, Rheumatism of Heart Rheumatism Gout Rickets Cancer Tabes Mesenterica Tubercular Meningitis (Acute Hydrocephalus) Phthisis Other forms of Tuber. Scrofula Purp., Hæmorrhagic Diathesis Anæmia, Chl., Leucocythæmia Diabetes Mellitus Other Constitutional Diseases	8 5 - 2 77 29 49 256 23 1 9 3	6 1 3 48 22 35 218 14 1	9 5 1 1 66 28 37 297 28 1 7 2	7 1 1 2 73 31 42 296 27 1 5	2 1 -6 61 58 30 266 28 1 4	7 2 1 6 65 38 255 19 3 5	2 2 2 53 30 32 241 25 4 4 1	5 2 - 3 766 34 25 191 24 2 4 2 1	7 2 1 3 52 32 32 40 194 21		8 1 1 4 74 17 29 196 16 5 1	7 2 - 2 63 26	81 23 6 40 780 376 431 2827 267 22 566 19
DEVELOPMENTAL DISEASES. Premature Birth . Atelectasis Cyanosis . Spina Bifida Imperforate Anus Cleft Palate, Harelip Other Congenital Defects Old Age .	82 4 2 2 1 99	62 6 1 5 - 2 82	67 1 - 5 1 - 3 97	62 3 3 2 - 1 77	58 3 4 3 1 - 5 90	76 1 1 3 - 5 73	58 6 2 3 - 2 1 68	66 5 1 1 1 1 3 77	44 2 	45 1 3 1 - - 93	61	61 5 1 1 1 - - - 95	742 41 20 32 3 6 24 1009
DISEASES OF NERVOUS SYSTEM.  Inflammation of the Brain or its Membranes Apoplexy. Softening of Brain Hemiplegia, Brain Paralysis Paralysis Agitans Insanity, General Par. of Insane Chorea Epilepsy Convulsions Laryngismus Stridulus Idiopathic Tetanus Paraplegia, Dis. of Spinal Cord Other Diseases of Ner. System	-	49 55 6 61 - 5 1 3 3 4 2 5 5 44	65 75 5 61 - 12 59 4 1 9	60 59 9 44 - 4 2 5 39 3 - 2 27	71 555 6 50 1 3 - 7 46 7 1 8 42	63 65 5 47 - 3 - 2 49 - 2 8 32	45 59 5 29 1 2 - 14 42 - 8 87	55 49 8 46 - 2 - 4 32 - 4 23	52 44 8 43 1 3 2 4 41 - 1 8 27	51 66 2 50 - 3 1 4 85 2 - 8	48 63 9 55 1 - 6 84 4 2 6 29	52 56 12 42 -1 1 2 46 4 -1 12 36	672 699 85 601 4 37 8 73 509 35 13 84 393
DISEASES OF ORGANS OF SPECIAL SENSE.  Otitis, Otorrhoea.  Epistaxis and Disease of Nose Ophthalmia and Disease of Eye	3 1 2	1 - 1	3 1 -	1 -	3 -	2 1 1	5 1 -	3 -	1 -	3 -	1 -	30.64.8	26 4 4

CAUSES OF DEATH.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Year.
Dis. of Circulatory System.  Endocarditis, Valvular Diseases Pericarditis Hypertrophy of Heart Angina Pectoris Syncope Aneurism Senile Gangrene Embolism, Thrombosis Phlebitis Varicose Veins Other Diseases of Cir. System	174 2 10 3 18 6 2 2 1	96 2 10 5 5 3 4 4 4	171 1 9 4 6 4 4 4 1 1 11	123 3 11 1 6 3 - 4 - 4	123 1 5 5 9 3 5 7	111 2 4 1 2 6 3 3 1	118 2 7 3 6 3 2 - - 4	135 1 4 - 11 3 3 4 - 7	96 2 3 5 13 8 1 1 2 -	128 3 5 4 7 2 2 2 2 5	132 4 6 3 10 4 2 2 2	155 5 9 2 16 5 2 6	1562 28 83 36 109 50 30 39 7 3 77
DIS, OF RESPIRATORY SYSTEM.  Laryngitis Croup Other Dis. of Larynx & Trachea Emphysema, Asthma Bronchitis Pneumonia Pleurisy Other Diseases of Resp. System	7 19 1 6 441 227 16 50	1 20 - 4 315 151 10 39	1 21 - 11 374 183 13 48	6 16 2 4 281 160 9 45	6 19 - 6 268 173 14 32	6 14 2 13 193 145 10 29	10 1 2 136 128 9 23	5 20 1 1 164 105 5 2I	6 20 1 2 159 107 13 28	8 36 5 2 225 165 9 34	7 41 2 339 197 8 37	7 28 2 4 391 215 13 56	64 264 15 57 3286 1956 129 442
Stomatitis Dentition Sore-throat, Quinsy Dyspepsia Hematemesis Melæna Diseases of Stomach Enteritis Ulceration of Intestine Ileus, Obstruction of Intestine Stricture or Strang. of Intestine Intussusception of Intestine Hernia Fistula Peritonitis Ascites Gallstones Cirrhosis of Liver Other Diseases of Liver Other Diseases of Liver Other Diseases of Digestive System	28 25 1 15 17 2 9 1 1 1 6 2 31 1 7 5	1 18 3 1 1 1 17 19 3 5 - 1 1 1 2 1 2 4 20 6	2 33 2 6 1 - 22 26 1 6 1 1 5 - 22 - 26 1 1 6 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	2 25 1 2 20 26 1 7 1 1 8 1 20 - - - - - - - - - - - - - - - - - -	23 5 4 1 13 17 2 9 3 3 4 4 29 1 6 29 6	2 17 1 2 20 19 4 7 1 1 8 3 2 3 3 12	24 22 5 - 33 29 - 9 - 1 4 1 82 2 5 - 5 - 6 6 6	7 23 5 4 -1 21 41 3 10 	2 25 3 4 2 - 16 46 46 1 9 1 1 1 1 9 1 1 1 1 1 1 1 1 1 1 1 1	12 5 1 6 9 26 1 13 1 1 1 5 1 1 1 3 1 1 1 1 8 1 1 1 8 1 1 1 1 1 1 1	2 222 3 4 1 23 20 2 5 4 1 19 2 1 2 2 1 1 1 1 1 1 1 1 1 1 1 1 1	24 24 3 2 1 26 11 3 11 5 - - - - - - - - - - - - - - - - -	20 274 34 34 20 2 235 297 23 100 13 11 56 9 273 11 5 5 5 0 247 109
DISEASES OF LYMPHATIC SYSTEM AND DUCTLESS GLANDS. Diseases of Lymphatic System Diseases of Spleen Bronchocele Addison's Disease	1 1	2 -	1 - 1	1	1		- - 1		1 1	1 1	- 1 - 1	2 1 -	10 4 1
DISEASES OF URINARY SYSTEM.  Acute Nephritis Bright's Disease Uremia Suppression of Urine Calculus Hæmaturia Dis, of Bladder and of Prostate Other Dis, of Urinary System	12 7 3 - 3 1 10	13 23 1 1 1 - 9 18	9 22 4 - 2 6 10	14 15 1 - 2 - 8 10	6 22 2 - - - 9 12	9 14 2 1 1 1 6 16	7 18 1 -2 -8 7	8 11 3 - 3 - 10 7	13 18 2 1 1 1 - 9	11 14 1 - 6 11	13 21 6 1 1 1 - 13 6	12 15 1 2 - - 3 16	127 200 26 7 13 4 97 134

# 46 DEATES from all Causes in Eight of the Principal Towns of Scotland during each Month of the Year 1887.

CAUSES OF DEATH	Jamuary.	Pobruary.	March.	April.	May.	June.	July.	August	September.	October.	November.	December.	Year.
Dis. of Organs of Generation. Ovarian Diseases Diseases of Uterus and Vagina Disorders of Menstruation Pelvie Abscess Perinaal Abscess Dis. of Testes, Penis, Scrotum, &c.	1 8 1 1 -	1 2 - 2 - 2	1 1	2 7 1 1 - 2	3 3 -	1 2	4 6 1 1 1	5 8 - 1	1	1	24 - 1 -	8 5 - - 1	- 25 47 3 7 8
DISEASES OF PARTURITION.  Abortion, Miscarriage Puerperal Mania Puerperal Convulsions Placenta Previa, Flooding Phicymasia Delens Other Accidents of Childbirth	1 - 1 6	1 - 3 - 4	2. 1 1 5 7	1 - - 2 7	1 1 7	- - 1	3 4	1 - 5 - 7	8111	1 2 1 7	2 1 1 11	1 3 14	10 4 10 23 2 86
Dis. of Gegans of Locomotion. Caries, Necrosis . Arthritis, Ostitis, Periostitis Other Dis. of Organs of Loce.	9 8 8	9 4 6	8 1 10	10 1 6	9 7	7 1 4	8 - 5	7 - 9	7 1 8	688	5 2 5	12 2 5	97 18 71
Dis, of Interdmentary System.  Carbanele Phiegmon, Cellulitie Lupus Ulcer, Bedsore Eczens Pemphigus Other Dis. of Intega. System	2 6 - 2 1 1 2	1:-21	2 2 1	- 1 1 -	1 - 2 3 - 1	1 2 2 1 1 2	. 5 2 1	1 3 2 1 1	1 8. 1.	1 2 8 2	6 .51	1 - 2 8 - 1	5 81 24 17 7
Actions on Neuligence. Fractures, Contusions Gunshot Wounds Cut, Stab Burn, Scald Poison Drowning Suffocation Otherwise	27 	29 1 12 3 13 8	233 1 - 8 1 8 9 8	96 - 18 4 11 15 7	28 -7 4 9 9	80 - 5 1 12 4 6	27 2 1 8 4 9 12 7	<b>\$7</b> ( 1.885 9.852)	23 9 1 6 7	21 1 10 4 7 18	24 2 - 8 2 9 10 4	19 20 20 2 8 13	814 TO 200 120 120 120 120 120 120 120 120 120
Homicide. Murder, Manalaughter	2	-		2	1	1	2			-	_	1	9
SUIDIDE.  Gunshot Wounds Cut, Stab Poison Drowning Hanging Otherwise	2	ī - - -	1 2 1	1 1 - 8 1	2 - 3 -	- 4 - 4 1	1 8 - 2 -	1	1 2	- - 1	2 1 2 2	1 2 1 2 -	18 18 2 20 6
Exacution. Hanging	-	_	-	-				-		-		-	
ILL-DEFINED AND NOT SPECIFIED CAUSES. Dropsy Debility, Atrophy, Insuition Mortification Tumour Abscess Hamorrhage Sudden (Cause unascertained) Other Ill-defined and not specified Causes	6 78 1 4 5 1 5	7 68 1 1 6 - 4	5 85 1 1 4 1 8	6 65 1 1 5 8 4	12 56 2 8 8 - 5	3 72 - 9 - 1	7 66 - 1 6 2 6 8	7 63 - 4 8 2 4	9. 66: -: 1: 2: 8 8	9 55 1 14 7	6 87 - 1 8 8 2 15	4 81 2 2 8 1 5	81 842 8 20 55 16 69

					K	ale i	BIRTI	<b>[8</b> .		1			Total Male
. '	Jan.	Feb.	Mar.	Apr.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Births.
Glasgow	846	742	918	864	990	878	802	797	786	826	802	777	9898
Edinburgh	811	254	857	230	888	331	272	\$38	268	324	· 307	316	8756
Dundes	218	156	213	991	195	987	175	902	211	202	. 197.	208	2434
Aberdena	172	130	160	144	169	177	188	158	1,57	169	143	180	1946
Greenatk	138	86	111	105	108	97	95	104	95	94	95	94	1213
Leith	92	85	89	100	89	115	96	98	96	109	94	114	1179
Phistoy	94	109	114	96	105	88	99	91	.99	.84	. 84	.96	1100
Perth	43	32	89	38	.40	-44	51	85	27	. 27	88	40	448
Total, 1887	1908	1594	1995	1918	1959	1962	1778	1818	1684	1885	1754	1825	22035
Total, 1886	1988	1750	9061	2058	1994	1963	1893	1891	1744	1833	1834	1811	22687
Total, 1885	1981	1691	1945	1969	1794	1959	1871	1817	1778	,1923	1765	1892	22385
Total, 1884	1939	1829	1939	2076	2076	1987	2047	1827	1987	2018	1760	1984	28469
Total, 1889	-9083	1405	1000	-1003	- 9004	1848	1944	1814	1617	1906	1795	1885	22258
Total, 1882	1884	1700	2073	1848	2134	1930	1886	1747	1691	1912	1727	1796	22277
Tetal, 1881	1765	1674	1895	1981	2061	1935	1832	1867	1780	1876	1706	1828	22145

			_											
						FE	KALI	BIR	CHS.			• •		Total Female
		Jan.	Feb.	Mar.	Apr.	May.	Jupe.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Female Birtha
- Charger .		-800	109	-866	700	-800	- 886	-898	-814	780	808	721	.710	. 9430.
<b>Edlaburgh</b>		210	271	347	200	267	238	812	830	318	275	894	919	\$806
Dunder .		107	- 106	100	100	800	173	-808	- 808	-160	186	210	189	2268
Aberdies .		157	246	168	163	154	255	148	163	146	174	147	160	1870
-Oromich -		- 96	00	•	86	-101	80	87	🔐	34	78	- 96	7.6	1055.
leith .		88	87	86	84	103	105	98	71	80 ;	81	106	80	1078
- Palalog		93	- 98	•	-88	101	95	73	-102	- 96	98.	- 98	72	1093
Porth		41	34	33	36	39	86	89	34	39	. 34	80	<b>38</b>	483
Total, 1887	<u> </u>	1779	1223	1868	1784	1903	1918	1791	1799	1687	1719	1783	1694	21002
Total, 1886		1821	1649	1919	1832	1872	1939	1805	1748	1679	1768	1649	1746	21427
Total, 1885	TRRC	1849	1639	1813	1873	1832	1897	1814	1661	1692	1801	1666	1878	21415
Total, 1884		1847	1646	1810	1891	2038	2028	1853	1658	1798	1866	1656	1804	21895
Fotal, 1883		1962	1695	1712	1883	1962	1829	1791	1728	1811	1816	1640	1702	21071
Total, 1882		1851	1578	1843	1730	2068	1884	1747	1711	1627	1800	1767	1649	21270
Total, 1881		1720	1576	1766	1754	1898	1846	1756	1771	1685	1760	1617	1685	20784

				1	BIRTI	IS-B	TH (	RXE	3.			•	Total
·	Jan.	Feb.	Mar.	Apr.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Births.
Glasgew	1655	1451	1779	1654	1749	1701	1694	1611	1465	1629	1528	1487	19828
Edinburgh	621	525	704	650	700	669	584	668	576	599	681	635	7562
Dander	405	822	897	414	404	410	288	404	871	388	407	297	4702
Aberdoen	829	276	323	306	823	882	341	811	303	343	289	840	3816
Greenpek	224	179	207	191	209	186	182	193	169	167	191	170	2267
Letth	180	272	178	184	192	220	194	164	176	190	200	208	2250
Pateloy	185	202	204	179	906	183	171	198	195	177	182	169	2251
Term:	88	- 00	773	74	779	80	**	•	•	<b>61</b>		78	861
TOCAL; 1887	2002	8198	3001	3002	8002	8781	9009	9027	9021	9594	9494	9479	10007
Total, 1886	8904	3399	2000	3004	8796	8901	8090	2000	3420	3600	9489	3657	44114
Total, 1885	3830	8380	8786	8043	8626	3686	3006	<b>347</b> 8	9470	2724	3403	9770	48000
Total, 1884	8786	8475	8947	8967	4114	4010	8000	9400	9786	3004	9416	9788	45064
Total, 1888	3990	8810	8540	8766	8900	3001	9796	3044	9120	9799	8495	3657	40000
Total, 1882	3005	8278	8926	3078	4222	8014	3000	9450	2018	<b>3719</b>	9494	9444	49647-
Total, 1881	9455	3350	3661	3730	3909	8781	8000	9000	3005	3006	3003	8608	40000

## 48 VIII.—ILLEGIVENATE BIRTHS IN EIGHT TOWNS-1887.

2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		Jan.	Feb.	Mar.	Apr.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Total
Glasgow		176	121	147	116	158	135	136	136	116	135	128	100	1604
Edinburgh .		56	52	50	56	62	53	. 54	58	89	41	59	61	641
Dundee		45	36	45	41	45	50	83	40	87	48	20	41	491
Aberdeen		41	35	80	80	38	83	32	33	33	37	33	31	405
Greenock		10	9	10	13	17	7	8	8	7	9	9	15	122
Leith		18	12	6	7	14	14	13	25	8	11	7	13	148
Paisley		12	19	11	15	13	11	11	14	10	4	15	11	146
Perth	•	9	7	4	8	6	14	12	4	4	7	5	6	86
Total, 1887		367	291	303	286	353	317	299	318	253	292	286	278	3643
Total, 1886		324	326	331	321	284	317	298	293	282	300	296	293	3665
Total, 1885 .		356	307	304	333	317	308	333	302	303	316	299	328	3806
Total, 1884 .		331	254	274	274	830	310	324	313	356	308	253	312	3639
Total, 1883 .		366	277	262	305	307	344	304	271	259	299	270	303	3567
Total 1882		300	252	318	257	360	286	286	256	270	297	314	296	3495
Total, 1881 .		302	287	261	272	344	321	342	289	259	277	251	287	3499
Total, 1880 .		290	267	315	280	315	340	286	286	256	283	290	262	3470
Total, 1879 .		325	268	316	329	320	309	323	314	303	322	250	309	3688
Total, 1878		311	261	323	322	332	274	317	312	279	348	281	299	3658
Total, 1877		336	253	280	282	297	322	336	297	267	356	290	821	3637

#### IX.-MARRIAGES IN EIGHT TOWNS-1887.

							_									
				Jan.	Feb.	Mar.	Apr.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Potal.
Glasgow .				643	250	295	304	233	536	550	259	285	.286	. 274	. 397.	4512
Edinburgh			•	287	125	159	149	86	310	178	218	150	.146	. 198	210	2151
Dundos .				176	45	48	88	49	111	158	75	- 84	80	76	-86	1006
Aberdeen .				112	41	54	41	50	111	114	71	58	63	58	187	910
Greenock .	•			62	25	27	33	21	58	84	82	31	38	48	40	468
Leith .				58	89	_30	29	17	70	87	41	26	33	46	16	467
Paisley .				54	81	81	29	27	64	49	68	16	48	35	82	484
Perth .	•			29	12	18	17	6	25	25	10	18	17	21	32	290
Total, 1887	•	•		1866	568	657	690	489	1280	1164	769	618	811	849	980	10966
Total, 1886	•	•	•	1359	527	660	656	526	1312	1178	788	659	662	945	891	10123
Total, 1885				1884	596	. 648	824	432	1832	1148	671	669	706	897	906	10157
Total, 1884	•	•		1444	621	657	913	440	1414	1241	642	752	726	842	1000	10691
Total, 1883	•	•	•	1605	572	602	984	515	1460	1289	661	711	794	950	1158	11346
Total, 1882	•		•	1528	618	630	768	581	1360	1224	709	636	889	984	983	10799
Total, 1881			•	1514	506	645	662	584	1228	1085	762	705	850	9,84	985	19510
Total, 1880		•		1252	545	636	686	587	1276	1049	710	614	689	964	837	9744
Total, 1879	$\overline{\cdot}$	•	•	1308	526	584	665	474	1254	983	685	619	636	888	897.	8466
Total, 1878	•	•	•	1347	548	594	701	436	1277	1181	645	704	650	843	850	9725
Total, 1877	•			1864	570	597	776	471	1545	1946	677	Diggs	771	348	7014	10719
	_	_			$\overline{}$											

•								M.	ALE I	BAT	HS.					Total Male
				Jan.	Feb.	Mar.	Apr.	May.	June.	Jaly.	Aug.	Sept.	Oct.	Nov.	Dec.	Deaths.
Glasgow .				640	685	621	555	521	478	406	413	407	477	528	589	62119
Edinburgh		•		226	198	219	189	227	207	201	215	181	189	200	222	2469
Dandee .				146	107	125	187	126	129	192	188	129	122	126	157	1564
Aberdeen .	•			194	183	187	180	108	68	87	68	75	62	96	109	1247
Greenock .				60	46	75	60	77	66	17	68	61	56	67	56	764
Leith .		•		53	48	87	88	44	48	78	80	49	58	42	68	608
Paleley .		•	•	87	56	56	48	51	64	55	68	48	57	69	97	751
Perth .				91	91	87	22	20	20	21	27	16	97	80	94	266
Total, 1887	•	•	•	1857	1184	1857	1179	1174	1075	1047	1086	966	1048	1158	1267	18798
Total, 1886	•		•	1118	1119	1454	1081	1185	1129	1025	1011	957	1017	1190	1308	18094
Total, 1885	•	•	•	1610	1147	1825	1234	1088	1141	981	1074	901	972	1149	1219	13639
Ţotal, 1884		•	•	1216	1151	1212	1246	1944	1172	1178	1099	1135	1162	1246	1609	14670
Total, 1888			•	1478	1298	1459	1481	1445	1260	1055	1102	990	1069	1198	1135	14910
Total, 1882				1136	1101	1164	1144	1947	1180	1156	1058	1021	1100	1178	1469	18094
Total, 1891				1499	1179	1273	1158	1197	1058	981	1050	869	1128	1044	1180	18541

							FEI	CALE	DEA:	THS.					Total Female
			Jan.	Feb.	Mar.	Apr.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Deaths.
Glasgow .			676	478	648	586	517	445	896	485	888	461	500	544	6019
Edinburgh			945	220	259	224	202	201	907	197	185	221	229	238	2628
Dundee .			158	121	148	180	159	158	154	160	158	181	156	168	1786
Aberdeen .			118	115	177	186	110	98	86	87	78	98	101	110	1804
Greenock .			62	89	66	57	74	65	69	57	67	55	59	71	740
Leith .		•	61	50	54	46	51	54	66	53	57	58	79	45	662
Pataloy .			80	58	85	76	54	68	47	72	72	59	79	98	881
Perth .		•	28	20	25	19	80	23	25	29	22	40	28	21	805
Total, 1887			1418	1091	1456	1924	1197	1112	1050	1090	1017	1111	1224	1290	14275
Total, 1886			1254	1145	1454	1198	1204	1082	1084	999	1006	981	1191	1837	13930
Total, 1885			1561	1274	1289	1179	1140	1119	1045	1011	921	1011	1139	1888	14027
Total, 1884	•	٠	1198	1181	1151	1267	1267	1100	1189	1049	1180	1161	1226	1639	14558
Total, 1883			1516	1287	1449	1418	1335	1287	1124	1102	964	1116	1148	1138	14884
Total, 1882		•	1220	1059	1169	1123	1218	1100	1036	1057	1009	1097	1247	1582	13862
Total, 1881			1718	1345	1812	1202	1153	1044	919	988	911	1008	1063	1185	18708

				1			1	BAT	HS—B	OTH	BEXE	8.				Total
				Jan.	Feb.	Mar.	Apr.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Deaths
Glasgow .				1816	1008	1269	1091	1088	918	802	847	795	988	1028	1088	12128
Edinburgh				471	418	478	418	429	408	408	419	866	410	429	460	5097
Dundes .				299	228	268	267	285	287	276	298	282	258	282	325	8850
Aberdeen .				287	248	864	266	218	166	178	155	148	160	197	219	2551
Greenock .				122	85	140	117	151	181	146	120	128	111	136	127	1504
Leith .				114	98	91	84	95	102	144	108	106	111	114	108	1265
Paieley .			•	167	109	141	194	105	132	102	185	120	109	148	190	1582
Perth .				44	41	62	41	50	48	46	56	88	67	58	45	591
Total, 1887		$\overline{\cdot}$		2770	2225	2818	2403	2871	2187	2097	2126	1988	2159	2877	2557	28068
Total, 1886	·	•	•	2872	2364	2908	2274	2889	2211	2109	2010	1963	1998	2381	2645	27524
Total, 1885		•	•	8171	2421	2614	9418	2223	2260	2026	2065	1822	1983	2281	2557	27854
Total, 1884	•	·		2414	2282	2863	2518	2511	2272	2867	2148	2315	2328	2472	8248	29228
Total, 1883	•	•		2989	2580	2908	2849	2780	2547	2179	2204	1954	2185	2846	2278	29794
Total, 1882	•	•	•	2856	2160	2333	2267	2460	2230	2192	2110	2080	2197	2420	8001	27756
Total, 1881				8212	2424	2585	2355	2280	2102	1900	2033	1780	2186	9197	2815	27949

XI.—ABSTRACT of the METEOROLOGY in Eight of the Principal Towns of Scotland during the several Months

of the Year 1887.

Mean West Longitude, 8° 30'.

Mean Latitude, 56° 12'.

Mean Height above the Sea-level, 124 feet.

Mean 1:14 1.78 1.74 1.87 1.67 ž 1.68 9,5 ÷: 147 19 1.91 Pressure on square foot. • ~ 1 Veriable. Calm or • \* • MN \$ Number of Days it blew in certain Directions. ₽ 2 WINDS. 8₩ 3 00 • 2 8 8 • Ş м 2 NE z 2 0 • 0 • 8 • • **1**4 ş \$ 8,4 뎔 <u>1</u> 7 Ŀ Amount. 2.41 <u>\*</u> RAIN. Number of Days it fell. 8 2 2 2 Humidity Sat. 100. 92 8 2 8 2 E 2 E DEDUCTIONS from Glaisher's Tables, 2nd Edit. Wt. of Vapour in Cubic Foot of Air. Ė î ş Elastic Force of Vapour. 200 **\$16** .188 ž 8 398 ž ğ \$ Dew-point Temperature 23.0 25.3 85.3 Š 9 **7** \$ 23 8 55.3 ŝ HYGROMETER. Wet Bulb, or Temp. of 3 5 Dry Bulb, or Mean Temp. of Air. 9 ž Greatest ğ 25.3 Š 18-7 ž 28.2 Z Daily Range Mean Daily Range. 120 š 184 16-2 8 8.6 8 3 3 8.8 3 SELF. REGISTERING THERMOMETER. Monthly Range. ř **1**.8 2 ž £ 200 2 Ş ž ÷ 8 7 Mean 8.61 2 \$ ÷ ᅙ 5 -Temperature Lowest in Month. ġ 218 29.9 0.98 2 220 16.5 16.3 ĕ Highest in Month. 9 3 9 88 . 29 ž **2** 57.6 75 8 1-113 š Monthly BAROMETER Range. 80-060 3 29-813 30-176 29-919 209-02 80.031 **20**41 Mean at 82 tich. and Sea-level TEAB 1887. SEPTEMBER NOVEMBER DECEMBER FEBRUARY OCTOBER . JANUARY AUGUST MARCH APRIL JUNE JOLY KY

# BIRTHS, DEATHS, AND MARRIAGES IN 1887,

AND

# VACCINATIONS IN 1886; IN SCOTLAND

ITS DIVISIONS, COUNTIES, AND REGISTRATION DISTRICTS.

BIRTHS, DEATHS, AND MARRIAGES REGISTERED IN SCOTLAND IN 1887,

886.
IS IN 1
NATTIONS
VACCID
AND

	No. o	of Div	vision, &c.		10180 410	HH.H.H.	H0100 4
		REGISTRATION GROUPS,	DIVISIONS, AND COUNTIES.	SCOTLAND,	GROUPS OF DISTRICTS. LARGE TOWN, SMALL TOWN, MAINLAND-RURAL, INSULAR-RURAL,	DIVISIONS.  NORTHERN, NORTH-BASTERN, NORTH-EASTERN, SOUTH-WESTERN, SOUTH-WESTERN, SOUTH-RASTERN, SOUTHERN,	I. NORTHERN DIVISION.  Shetland, Orkney, Caithness,
	REVISED POPULATION Census 1871.		Census 1871.	3,360,018	1,192,903 339,120 691,850 1,004,141 132,004	127,191 166,351 393,199 559,676 251,088 1,183,218 475,523 203,772	31,608 31,274 41,011 23,298
	REVISED PULATION.	ATION. Census 1881.			1,409,260 404,302 784,654 1,006,969 130,388	123,984 1165,856 418,250 602,420 283,460 1,385,447 209,497	29,705 32,044 39,859 22,376
TIMOTA	BIKTH		Births.	124375	50819 15027 26276 29100 3153	2887 4139 13422 18175 9271 52083 18432 5866	684 731 1082 490
TIM A TIM	BIRTHS, DEATHS, MARRIAGES.	1887.	Deaths.	74500	32672 8910 15163 15745 2010	1978 2654 7401 11540 5246 30945 10880 3856	487 445 683 363
	S, AND		Marriages.	24851	11772 2838 4850 4949 442	535 646 2471 3733 1555 10642 4164 1106	139 137 187 72
		Succ	cessfully ccinated.	110864	45417 13131 23773 26378 2165	2527 2968 12573 16223 7905 47373 15943 5852	580 687 806 454
			ecination tponed.	2325	425 258 554 719 369	153 445 250 295 334 404 326 118	138611
VA	Insuscep	On	of onstitutional usceptibility.	201	79 133 19	15 7 7 12 28 18 85 42 14	12 0 0 01
VACCINATIONS,	Insusceptible of Vaccine Disease.	In r Chi	respect of the ldren having lready had Small-pox.	0	00000	0000000	0000
	accine	On the ground of previous Successful Vaccination.			172 16 38 10 5	1 9 12 12 188 16	0010
1886.			d before cination.	11282	5119 1522 2431 1988 222	218 363 1142 1645 719 4942 1699 554	44 38 39 37
	Removed from District before Vaccination, or otherwise unaccounted for.			3055	1109 275 730 458 483	149 541 82 284 284 289 1046 503	46 488
	Tota	al Bir	rths for 1886.	127968	52321 15215 27556 29613 3263	3063 4333 14060 18487 9350 54018 18522 6135	734 767 1040 522

	2263		212 1399 2120 9206 1123		8625 8339 5626 175 822		3843 3043 434 434		8286 7811 37921		2169 13081 1151 930 415		1528 2268 1240 1699
	388 ·	•	4000/		P01 800 800		22.23		28 82 75 88		288 388 10 10 14		ති සි ස
	203		722.128		224 428 488 71 71		246 106 37		786 692 3465		288882 288882 288882	-	<b>55 5 5 5 5 5 5 5 5 5</b>
	70.4ª		000-0		<b>******</b>		~004		347		044004		- 0 to 0
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	1001		0-10-000		<u> </u>		4187		01.87		801710		*00g
	138		-8481		27278		នននិង		134 210 210		3228477		8482
	1448 1520		191 1220 1900 1900 1081		7479 2930 4968 156 690		3326 2636 1604 339		7096 6962 83315		1848 11220 1010 819 879 667		1817 1977 1106 953
-	888		228 228 1722 166		1816 674 1060 28 156		681 501 887 88		1584 7664		863 8225 175 166 82 82		200 200 201 201
	1267		130 754 4964 574		5463 2256 3218 1390 474		1984 1590 1296 377		5120 4204 21621		979 8184 563 220 220		1036 1441 716 663
	200 <b>6</b> 213 <b>4</b>		202 1816 1959 8840 1096		8258 8327 5581 173 836		3694 3008 2096 478		7880 7427 36776		2164 13093 1073 891 404 807		1502 2067 1150 1147
	79,467 86,880		8,847 45,108 59,788 269,047 35,465		268,668 130,282 172,181 7,830 24,026		106,888 78,182 80,761 17,684		225,611 217,630 942,206		44,005 388,836 88,510 35,273 13,688		52,592 76,167 42,290 88,448
	82,088 84,268		8,372 44,549 58,888 246,298 85,097		240,049 128,560 160,924 7,918 22,236		93,345 61,116 79,661 16,966		195,806 200,908 787,006		41,379 828,138 87,755 86,382 12,218 19,651		48,241 74,842 42,087 38,602
IVIBION.	• •	DIVISION.	•,••••	IVISION.		VIBIOM.	• • • •	DIVISION.		DIVISION.		DIVISION.	• • • •
BM D		KEN	• • • • •	6		9	• • • •	IRN I		ERW I			• • • •
II. North-Western Diviblor.	narty,	III. NORTH-EASTERN DIVISION.		IV. R. J-Midland Division		V. WEST-MIDLAND DIVISION.	• • • •	TH-Wast	• • •	TB-EAST		VIII. SOUTHERN	٠٠٠,
II. Nort	Ross and Cromarty, Inverness, -	III. NOB	Nairn, Eign (or Moray), Banff, Aberdeen, Kincardine,	IV. R.	Forfar, Porth, Fife, Kinross, Clackmannan,	V. WES	Stirling. Dumbarton, Argyll, Bute,	VI. SOUTH-WESTERN DIVISION.	Renfrew, . Ayr, . Lenark, .	VII. South-Eastern	Linlithgow, Edinburgh, Haddington, Berwick, . Peebles, .	VIII. 8	Roxburgh, Dumfries, . Kirkcudbright, Wigtown, .
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Total Bi	rths for 1886.	88848788848444444444884888888888888888	25.47.4.4.5.2.2.4.2.2.4.2.2.2.2.2.2.2.2.2.2.2
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BIRTHS, DEATHS, MARRIAGES. 1887.	Deaths.	5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	288258229550119
BIRTHS	Births.	128888444188882754486744677544	E8208888558388
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REVISED POPULATION	Census 1871.	902 1862 1970 2336 2336 2336 117 883 883 882 882 882 882 1842 1049 2780 1825 646 1825 646 351	1597 863 905 1340 1434 727 727 935 681 4261 589 1040
REGISTRATION	DISTRICTS.	I. NORTHERN DIVISION.  1. SHETLAND. Bressay, etc.—(1) Bressay, Delting, Dumossness, etc.—(1) Dumossness, (2) Sandwick and Cumingsburgh, (3) Fair Isle, Fetlar, etc.—(1) Fetlar, (2) North Yell. LERWICK,— Mid and South Yell. Northmavine, (3) Whalsay and Skerries, (3) Whalsay and Skerries, (3) Whalsay and Skerries, Unst, Unst, (2) Sandness, (3) Papa-Stour, (4) Foula,	Birsay (part of Harray and Birsay), Deerness, Eday and Pharay, Evie and Rendall, Firth and Stemes, Harray (part of Harray and Birsay), Holm and Paplay, Holy and Græmsay, KIRKWALL and St Ola, North Ronaldshay, Orphir, Roussay and Egilsay,

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Bandrows, Bandrok, Bandrok, Bandraky, Bandroky, Barcaneay, Walls, etc. —[1] Walls, (2) Flotts, (2) Popa-Westray, (2) Papa-Westray, (2) Papa-Westray, (2) Papa-Westray,	S. CAITHRESS	k. SUTHERLAND. Storr, Storr, Sonar, S	II. NORTH-WESTERN DIVI  6. Roes and Cromart.  Mainland.  Alness,  Applecress.  (2) Shieldaig,
		38 - 00H - 1 MM - 1 - 1	RTH-1 Ross
St. Andrews, Smalley, Smalley, Smalley, Sharknahay, Sharknahay, Shromada, Stromas, Stromas, Stromas, Call, etc.—(1)	Bower, Canisbay, Dunnet, Halkirk, Keiss, Latheron, Obrig, Reay, TRUSS, Watten, Watten,	Assynt—(1) (2) Clyne, Creich—(1) DORNOCH Durnes, Eddrachillis (2) 88 Golspie, Kildons, Lairg, Lott, Tongue,	5. 5. ess,
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Districts as containing Parliamentary and Royal Burghs are printed in capitals, thus:—EDINBURGH. Districts containing Parliaming Parliamentary and Royal Burghs are printed in capitals, thus:—EDINBURGH. Districts companies of 1988 Districts will be found at page 80.

A dagger "#" is prefixed to those Districts which compiles of only a part of the Parliah of the same name.

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	Total	Births for 1886.	8418C086245288305588888825828888258
	befor	ed from District e Vaccination, cotherwise ecounted for.	
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VACCINATIONS, 1886.	Insusceptible of Vaccine Discase.	n respect of the Infidren having already had Small-pox.	000000000000000000000000000000000000000
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		REGISTRATION DISTRICTS.	Ross And Cronabity och,  mtin,  mtin,  ROMARTY,  ROMARTY,  Romarty,  sarn,  (2) Suthern,  sarn,  sarn,  sarn,  (2) Strathoyfell,  incardine,  (2) Strathoyfell,  incardine,  sarn,  sarn,  charn,  charn,  sarn,  sarn,  sarn,  AIN,
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6. INVERNESS.  Advindand.  Althor.  Ardeniely and Kincardine,  Ardeniely.  Boleskine, etc.  Comdale and Inversilan.  Cromdale and Inversilan.	Croy and Dalgrose, 1200 surve. Daviot and Dunlichty, Dores, Duthil, etc.—(1) Duthil, (2) Rothiemurchus, Gleneig.—(1) Gleneig, (2) Knoydart, (3) North Morar, INVERNESS,	Kilmonivaig—(1) Glengarry,  (2) Lochaber,  Kiltarlity,  Kingussie and Insh,  Laggan,  Moy and Dalarossie,  Petty,  Urquhart, &c.—(1) Urquhart,  (2) Glenmoriston,	(2) Waternish, (2) Waternish, (2) Waternish, (2) Waternish, (3) South Harris, Bernera, (4) St. Rilda, (5) Stenscholl, (5)	(2) Rassay,  38, (3) North, (3) South, (2) Bouth, (2) Howmore, (3) Boisdale
Abernethy az Alvís, Boleskine, et Boleskine, et (2) Cromdale and	Croy and Dalcross, Daviot and Dunlichty, Dores, Duthil, etc.—(1) Duth Gleneig.—(2) Robth Gleneig.—(3) Knoydar (3) Knoydar (3) Knoydar (3) Knoydar (4) Knoydar (5) Knoydar (6) Knoydar (7) Knoydar (8) Knoydar (9) Knoydar	Kilmonivaig—(1) Gl Kilmorack, Kiltarlity, Kingussie and Insh, Kirklill, Laggan, Moy and Dalarossie, Petty, Urquhart, &c.—(1)	Barra, Bracadale, Duirinish—(1) Duiri (2) Water Harris—(1) North Hi (2) South Hi (3) Bernera, (4) St Kilmuir—(1) Kilmuir—(2) Stenseb North Uist,	Small Isles, Smill Isles, Snizort—(1) South Uist Strath,
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		REGISTRATION		III. NORTH-EASTERN DIVISION.  7. NAIRN. Audearn, Cawdor, NAIRN,	A bernethy and Kincardine.  Alves,  Alves,  Bellie,  Bellie,  Bellie,  Boharm,  Cromdale, etc.—(1) Cromdale & Advie, Dallas,  Duthil, etc.—(2) Inverallan, Duthil, etc. (Now 866 supra.)  Bellow,  Bellow,  Bellow,  Salakillie,  Bellom,  Kinlose,  Kinlose,  St. Andrew's-Lhan aryde,  Spermouth,  Urquhart,  Orgunart,  Orgu	Aberlour, Alvah, BANFF, Borriphile,
	REVISED POPULATION. lensus   Census   1881.		Census Census 1871.	11197 1117 1279 1292 1027 1070 4869 5368	1018 1117 2013 2047 367 1137 1166 11295 1166 247 2476 1166 2476 2476 1175 2673 2673 2673 2673 2666 2268 1101 2201 1102 2201 1286 1148 2201 1102 2201 1286 22	1632 1794 1436 1356 5015 5218 785 696 1864 2004
Promitte par	MARRIAGES.	188	Births. Deaths.	18 28 182 182	288 288 288 288 288 288 288 288 288 288	22 163 21 21 24
	AGES.		bs. Marriages.	111 2 113 8 111 4 95 28	22 23 23 23 24 24 24 24 24 24 24 24 24 24 24 24 24	30 10 24 95 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4
		Succ	essfully cinated.	25 33 28 105	8848888121 <b>488472884484</b>	12,22,23
•	Insusce	On the ground of Constitutional Insusceptibility.  Vaccination Postponed.		0000	00000000 000000000000000000000000000000	00000
VACCINATIONS, 1886.	Insusceptible of Vaccine Disease.	On the ground of previous Successful Vaccination. In respect of th Children havin already had Small-pox.		0000		00000
	Died before Vaccination.			28 11	ಬರಂತರಣಬತ್ತಲೆ ೦೦ಔಟಪಂಜಬಚ್ಚರವ	84844
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-	Tota	d Bir	rths for 1886.	22444284828222222222222222222222222222
Ī	Removed from District before Vaccination, or otherwise unaccounted for.		Vaccination,	000010000040000000000000000000000000000
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VACCINATIONS,	Insusceptible of Vaccine Disease.	Chi	espect of the ldren having lready had small-pox.	000000000000000000000000000000000000000
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Successfully Vaccinated.		cessfully cinated.	0148888888877777777777777777777777777777	
S, AND			Marriages.	& & & & & & & & & & & & & & & & & & &
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BIRTH	MA		Births.	84488888888888888888888888888888888888
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-	REVISED POPULATION.		Census 1871.	945 945 1259 3036 1133 1859 1859 972 1061 1992 1992 1992 1063 1063 1133 1063 1232 888 886 886 886 886 886 886 1138 1138 1
		REGISTRATION	DISTRICTS.	Drumoak, Dyco, Echt, Ellon, Fintray, Fintray, Forgen, Forgen, Forgen, Frassbauragh, Fryie, Gartly, Glenbucket, Glenmuick, Tullich, and Glengairn, HUNTLY, INVERUBLE, Keig, Keig, Keigh, Keith-hall, Kennay, Kiddrummy, King-Edward-(2) New Byth, King-Edward-(1) King-Edward, King-Edward-(2) New Byth, Kinnethmont, King-Edward-(2) New Byth, Kinnethmont, King-Edward, Logic-Coldstone and Cromar, Logic-Coldstone and Cromar, Logic-Coldstone and Cromar, Logic-Coldstone and Cromar, Longside, Lumphanan, Methlic, Millbrex, Lumphanan, Methlicket, Millbrex, Millbrex, Monquilitter,
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ho,  D—(1) PETERH (2) Boddam, Inversilochy, and Forbes,	11. KINGARDINE. evenick— evenick— ernan, f, f, cookney, (2) Cookney, (2) Cotherline, k,
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	REVISED		Census 1871.	1585	1007 778 919 919 20169 771 772 9018
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	No	of D	District.	267	283 283 283 283 283 283 283 283 283 283

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REGISTRATION DISTRICTS.			Perth—continued.										Fortingall.										p, , ,		(I) Kirkmichael,	o diensin	Kinloch ,-		
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S, AND		Marriages.	25.48.28.28.28.20.20.20.20.20.20.20.20.20.20.20.20.20.
BIRTHS, DEATHS, MARRIAGES.	1887.	Deaths.	111 8 8 4 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5
BIKTHS		Births.	812 101 101 101 101 101 101 101 1
SED	TION.	Census 1881.	1821 386 26346 415 11601 670 2638 2738 2738 2738 2738 2738 2748 2773 2773 2773 2774 2774 2775 2777 2
POPILLATION	FOPULA	Census 1871.	687 1310 395 9456 9682 775 3069 2074 212 2243 3131 1066 1703 2018 2018 2018 2018 2018 2018 2018 2018
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	SED TION.		Census 1881.	4270 14384 927 10591 719 7414 8862 858 1136 10097	1390 11425 11386 633 633 633 6329 1142 124 124 125 128 128 1368 1368 1368 1368 1368 1368 1368 136
	REVISED		Census 1871.	3602 11423 978 8257 730 6038 677 1103	1172 1414 1181 1181 1181 760 8889 8880 1249 1249 1249 1270 1284 889 1614 8817 1614 889 889
		DISTRICTS.	N,  N,  KILYTRICK,  GREEntick,  Roseneath,  Kilcreggan and Cove,	Ardchattan, Ardnamurchan—(1) Aharacle, (2) Arisaig, (3) Sunart (or Strontian), (4) Western Ardnamurchan, (4) Western Ardnamurchan, (5) Sunart (or Strontian), (6) Sunart (or Strontian), (7) Sunart (or Strontian), (8) Sunart (or Strontian), (9) Sunart (or Strontian), (1) Dunoon, (2) Kilmun, (3) Kilbrandon and Kilchattan, (2) Kilbrandon and Kilchattan, (2) Kilbrandon and Kilchattan, (3) Kilchandon, (2) Dalavich, (2) Dalavich, (3) Kilchandin, (4) Kilchandin, (5) Dalavich, (6) Manarin, (7) Manarin,	
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Ard Killbridge, cc.—(1) Kilminver, (2) Kilmellord, (3) Kilmellord, (3) Appin, (3) Glencoe and Ballachulish, (4) Duror, (2) Kilmorich, (5) Skipness, (6) Skipness, (7) Skipness, (1) Stralachlan, (2) Skipness, (2) Skipness, (2) Skipness, (3) Strachur, (4) Januach, (5) Strachur, (6) Strachur, (7) Stralachlan, (6) Strachur, (7) Stralachlan, (6) Strachur, (7) Junach, (9) Strachur, (1) Junach, (1) Junach, (1) Junach, (2) Colonssy, (3) And Oa, and Kilvickeon, and Ki	Coll, Bute. Todick, Ilbride,
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KILMORE AND KILBRIDE, Kilminver, etc.—(1) Kilminver,  (2) Appin, (2) Appin, (3) Glencoe and Balle (4) Duror, Lochgilphead, etc.—(1) Lochgollh Morvern, (2) Kilmorich Morvern, (2) Kilmorich Morvern, (2) Kilmorich Morvern, (2) Kilmorich Saddell, etc.—(1) Saddell, Saddell, etc.—(1) Stralachlan, Southend, (2) Skipness, Southend, (2) Skipness, Southend, (2) Skipness, Southend, (3) Strachur, Tarbert, (2) Skipness, Stralachlan, etc.—(1) Stralachlan, Gigha, (2) Strachur, Tarbert, (2) Skipness, Kilchoman, (2) Colonssy, Kilchoman, (2) Colonssy, Kilchoman, (2) Colonssy, Kilchoman, (2) Colonssy, Kilchoman, (2) Colonssy, Kilchoman, (3) Colonssy, Kilchoman, (4) Salen, Salen, (7) Tyree	20. Bute.  20. Bute.  Cumbrae.  Kilbride. (1) Brodick,  Kilmory,  Kilmory,  Lochranza,  Lochranza,  North Bute,  ROTHESAY,
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REGISTRATION DISTRICTS.		·	VI. SOUTH-WESTERN DIVISION.  2. REKFREW. (2) LANDWARD (merged in 573), (2) LANDWARD (merged in 569 (3), 572 (2), and 573), (3) JOHNSTONE and Elderslie, Eastwoop, (2) East, (3) Old, or West, (3) Old, or West, (3) Old, or West, (4) Lichinan, (2) East, (3) Old, or West, (3) Old, or West, (4) Lichinan, (5) Churbork, (6) Churbork, (7) Lichinan, (8) Churbork, (1) Kilmalcolm, (2) Linwood, Kilmalcolm, (2) Linwood, (2) Linwood, (2) Linwood, (2) Linwood, (3) Linwood, (2) Linwood, (3) Linwood, (4) Neitston, (5) Nexton Mearns, (6) Nexton Mearns, (7) Neitston, (8) BARBERD and Levern, PORT-GLASGOW, (7) Neitston, (8) EARBERD, (8) RENFREW, (9)	Ardrossan—(1) Old Ardrossan, (2) New Ardrossan, (2) New Ardrossan, Avg. (2) Logar, Ballantrae, Barry, Berth, (2) Logar, Barry, (3) Logar, Barry, (4) Logar, (5) Logar, (6) Logar, (7) Logar, (8) Logar, (8) Logar, (9) Logar	
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BIRTHS, DEATHS, MARRIAGES.	Deaths.	838 110 110 110 110 110 110 110 110 110 11
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REVISED POPULATION.	Census 1871.	18709 7066 7066 7066 7076 7076 1718 454 727 1102 853 593 593 503 503 503 203 203 203 203 203 203 203 2
REGISTRATION DISTRICTS.		LANBERNETHAN, CAMBUSINETHAN, CAMBURINETHAN, CARTIORE, Carminock, Carryadae, Carstairs, Covington and Thankerton, Crawfordjohn, Carsford,
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REGISTRATION DISTRICTS.			EDINBURGH—continued.  DUDDINGSTON—  O) PORTOBRILO	EDINBURGH—(1) St George,	(2) St Andrew, -	(4) St Giles, (5) Newington	outra,		Kirknewton and East Calder.	LASSWADE, - LEITH (1) North Leith	(2) South Leith,	lder.	tle,	IE.				WEST-CALDER,	26. HADDINGTON.	Aberlady, -				uir,	HADDINGTON,	
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			DISTRICTS	28. Pri	len, Broughton, as			29. SELKIRK		30. ROXBURGES
				28. Perbras Broughton (merged in 769). Drumelzier, Eddlestone,	Grammonn (marged in 100).  Kilbucho, Broughton, and Glenholm, Kirkurd, Lyne, etc.—(1), Lyne,		Skirling, Stobo, Traquair, Tweedsmuir, West Linton,	<b>•</b> 1	Caddonfoot, Ettrick, - GALASHIELS, Kirkhope, LADHOPE, Roberton, - SELKIRK,	VIII. 80U  Ancrum, 30  Ashkirk, Bedrule, Castrule, Castleton, Castleton, Cralling, Castling, Cas
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***************************************	DUMTRIES.
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REGISTRATION DISTRICTS.			Keir, DUMFRIES—continued.  Kirkconnel,  Kirkmahoe,  Kirkpatrick-Fleming—  Kirkpatrick-Fleming—  LOCHMABEN,  Middlebie  Morton,  Morton,  Morton,  St Mungo,  St Mungo,  St Mungo,  St Mungo,  St Mungo,  Tunwald,	Torthorwald, Tundergarth, Tynron, Wamphray, Wanlockhead,	Anwoth, Balmaclellan, Balmaclellan, Bargrennan, Buttle, Correptairn, Corsock-Bridge, Consock-Bridge,
REV		Census 1871.	828 953 1332 1332 1332 1332 1332 1332 2000 2000	1098 510 381 505 837 540	827 861 1085 428 1087 1026 545 1318 563 1492
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BIRTHS, DEATHS, MARRIAGES.	1887.	Deaths.	10 16 17 11 11 12 13 14 14 15 16 17 17 18 18 11 18 11 18 11 18 18 18 18 18 18	444000	81 113 19 19 18 18 17 17
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3163 1074 11656 11656 3022 3022 3034 304 304 11508 115	1186 2189 11948 11948 11852 11852 11852 2450 611 2449 2712 11892 11892 11892 11892 12893 5897 58962 58962 58962 58962 58963
	X
онт, 	midrows,
Dalmartis, Daby, Girhon, Irongray, Irongray, KELLS, KELLS, KIRKOTOBRIGHT KIRKOTOBRIGHT KIRKOTOBRIGHT KIRKOTOBRIGHT KIRKOTOBRIGHT KIRKOTOBRIGHT KIRKOTOBRIGHT KIRKOTOBRIGHT KIRKOTOBRIGHT KIRKOTOBRIGHT KIRKOTOBRIGHT TORGRAD	S3. W 107 Glasserton, Inch. Kirkcolm, Kirkcowan, Kirkmanden, Leswalt, Mochum, New Luce, Old Luce (or Glenluce) Performertalick, Sorbie, Strankark, Strankark, Strankark, WHITHORN,
866 866 866 867 867 872 872 872 873 874 877 877 877 878 889 889 881	88888888888888888888888888888888888888

## APPENDIX.

## VACCINATIONS.

## EXTRACTS FROM THE REGISTRARS' NOTES RELATIVE TO THE WORKING OF THE VACCINATION ACT.

#### I. NORTHERN DIVISION.

#### 1. SHETLAND.

12. (1) WALLS. - Measles, Hooping-Cough, and Bronchitis prevalent at time of vaccination.
12. (3) PAPA STOUR.— No Vaccinator visited

the District during the year.

12. (4) FOULA.—The Vaccinator has not yet visited the Island.

## 2. ORKNEY.

14. DEERNESS.—Vaccination carefully attended to, often in the face of bad weather and long distance from the Vaccinator's place of residence.

## 3. CAITHNESS.

43. WICK.—In consequence of the prevalence of Hooping-Cough and Bronchitis during the spring, the number of successful vaccinations has been retarded.

## 4. SUTHERLAND.

49. (2) KINLOCHBERVIE. - Hooping-Cough,

49. (2) KINLOCHBERVIE. — Hooping-Cough, Measles, and Mumps prevented a number of children from being vaccinated.
55. LAIRG.— Vaccination continues to be well attended to, though for some time the prevalence of Hooping-Cough and Measles caused considerable delay in some cases. All have now, however, been successfully vaccinated.

## II. NORTH-WESTERN DIVISION.

## 5. Ross and Cromarty.

#### Insular.

86. (a) BARVAS.—The prevalence of Measles has delayed the progress of vaccination.

87. LOCHS.—The Medical Officer has generally

postponed vaccination on account of the pre-valence of Measles. It is his custom, in accor-dance with the official recommendation, to visit every village in the Parish twice every year, in order to have arm to arm vaccination as far as possible.

88. STORNOWAY.—An epidemic of Measles is the cause of a number of postponements, and the scarcity of money among the fishing population prevented some from paying the Vaclation prevented some from paying the Vac-cinator's fee, and so obtaining Schedule (A.) in cases successfully vaccinated.

#### 6. INVERNESS.

#### Mainland. .

95. DAVIOT and DUNLICHTY. - Neither distance nor weather prevents the new Vaccinator (appointed since last return) from attending to his duties.

#### Insular

108. BARRA.—The children indicated in col. 7 (44) are all unvaccinated, none being removed from the District. The Vaccinator says that Measles was so prevalent that vaccination could not be performed.

111. (1) NORTH HARRIS. — Progress of vac-

cination greatly retarded on account of epidemic of Hooping-Cough and Measles, prevalent for

the last four months.

114. (2) RAASAY. - Of the 20 entered in col. , a considerable number were vaccinated by the late Dr Ross, who died before granting certificates of successful vaccination.

117. (2) SOUTH SNIZORT .- Several of those entered in col. 7 were vaccinated, but the cases have not been certified, owing to the death of the Medical Officer.

#### III. NORTH-EASTERN DIVISION.

### 8. ELGIN (OR MORAY).

131. DUFFUS. - Scarlatina and Measles prevalent during the year, hence so many Deaths before vaccination.

## 9. BANFF.

156. GRANGE.—An unusually large number of children died during 1886, in most cases before vaccination. The principal causes of Death were Pneumonia, Bronchitis, and Measles.

## 10. ABERDEEN.

168. (2) ABERDEEN (ABERDEEN).—The parent of a child born and registered in 1887 was prosecuted before the Sheriff for refusing to allow his child to be vaccinated, and a conviction followed.

222a. MIDMAR. — Vaccinations for 1886 complete. One postponed from 1884 now successfully vaccinated.

## IV. EAST-MIDLAND DIVISION.

#### 14. FIFE.

407. AUCHTERTOOL.—In some cases difficulty is experienced in getting certificates, the Vaccinators refusing to grant them before receiving payment of their fees.

412. CAMERON.—Two families removed from

District before their children were vaccinated, but their addresses have been found, and it is understood the children have been vaccinated and that certificates will be received shortly.

## V. WEST-MIDLAND DIVISION.

#### 19. ARGYLL.

#### Insular.

543. KILMENY. - Eruptions about the head and face among children prevalent, and hence the unusually large number of postponements. 551. (2) COLL.—The Vaccinator is about to fix a day, in order to have the number of post-poned cases disposed of.

## VI. SOUTH-WESTERN DIVISION.

## 23. LANARK.

647. HAMILTON. - Of the 31 cases entered in col. 7, one is stated to have been vaccinated. but the Vaccinator refuses to give up the cer-tificate unless his fee is paid. Another was a case in which the father was summoned before the Sheriff, on 17th June last, and fined 5s. and expenses, for refusing to have his child vaccinated. He still persists in his refusal.

## VII. SOUTH-EASTERN DIVISION.

## 24. Linlithgow.

667. KIRKLISTON. - The strike amongst the Miners in the Niddry and Newliston Districts.
and the shifting of the population caused thereby, has caused considerable difficulty in getting in the returns.

669. LIVINGSTONE. - Strikes at the Oilworks account for the 4 cases unaccounted for.

## 25. EDINBURGH.

691. LASSWADE. - The number unaccounted for is abnormally large, but this is due to the fact that during a recent strike many Miners left the District.

## VIII. SOUTHERN DIVISION.

### 31. DUMPRIES.

823. DURRISDEER.—The entry in col. 7 refers to a child which has been removed to America.

# CONSTITUTION OF THE DISTRICTS DISTINGUISHED IN THE PRECEDING TABLES BY AN ASTERISK (\*).

No.	Districts.	Component Parts (Parishes).
14	Deerness	Part of St Andrews.
15 22	Eday and Pharay	Part of Strongey and Eday.
26	Sanday	Part of Cross and Burness.  Lady, and part of Cross and Burness.
378	Keiss	Parts of Canisbay and Wick.
58 595	Applecross	(1) Part of Applecross; (2) Rest of Applecross and part of Gairloch.
716	Carnoch Kinlochluichart	Parts of Contin, Fodderty, and Urray. Parts of Contin, Fodderty, and Urray.
868	Carloway	Parts of Lochs and Uig.
87 112	Lochs . Kilmuir	Parts of Lochs and Uig.
185	Elgin	(1) Part of Kilmuir; (2) Rest of Kilmuir and part of Snizort Eigin, and parts of New Spynie and St Andrews-Lhanbryde.
152	Enzie	Parts of Bellie and Rathven.
155b 167	Glenrinnes	Parts of Aberlour and Mortlach.
2100	Seafield	Parts of Cullen and Rathven. Parts of Crimond, Longside, Lonmay, Old Deer, and Strichen.
217	Logie Coldstone and Cromar	Logie Coldstone, and part of Glenmuick, Tullich, and Glengairn.
222b 227b	Millbrex	Parts of Fyvic and Monquhitter.
2876	New Pitaligo	Parts of Aberdour, New Deer, Strichen, and Tyrie. Parts of Ellon, New Deer, Old Deer, and Tarves.
940	Strathdon	Strathdon, and part of Tarland.
2498	Ythan Wells	Parts of Auchterless and Forgue.
282	Arbroath	Arbroath, and part of St Vigeans.  Dundee, and part of Liff, Benvie, and Invergowrie.
294	Dundee	Kettins and part of Scone.
297 324	Kinnettles	Kinnettles and part of Caputh.
881	i Kalonhidder	Parts of Dull, Fortingall, Kenmore, Logierait, and Weem. Balquhidder, and part of Comrie.
344	Dowally Dunkeld Fortingall	Part of Dunkeld and Dowally.
349 355a	Dunkeld	Parts of Caputh and of Dunkeld and Dowally.
8556	I FORM	(1) Parts of Fortingall and Weem; (2) Part of Fortingall. Part of Dull.
860	Kenmore	Parts of Kenmore and Weem.
861 867	Killin	Parts of Kenmore, Killin, and Weem.
875	Logicalmond	Parts of Fortingali and Logierait. Parts of Fowlis-Wester, Little Dunkeld, Methven, Monzie, and Redgorton.
879	Meigle	Meigle, and part of Coupar-Angus. (Kinloch, and Rattray.
386b 387	Persie	Parts of Alyth, Bendochy, Blairgowrie, Caputh, Kirkmichael, Lethendy and Perth, and parts of Kinnoull, Scone, and Tibbermore
3936	Stanley	Parts of Auchtergaven, Kinclaven, and Redgorton.
3946	Strathfillan	Part of Killin.
394c 402	Anstruther-Easter	Parts of Blair-Athol, Dull, and Moulin. Anstruther-Easter and part of Kilrenny.
417	Crail	Part of Crail and May Island.
428 424	Dunbog	Dunbog, and parts of Abdie and Flisk.
425	Duning	Parts of Dunfermline and Inverkeithing. Dunino and part of Crail.
432	Inverkeithing .	Parts of Inverkeithing and Dunfermline.
442 4816	Kirkcaldy and Abbotshall.	Parts of Inverkelthing and Dunfermline. Kirkcaldy, Abbotshall, and part of Kinghorn.
490	Grangemouth	Parts of Bothkennar, Falkirk, and Polmont. Stirling, and part of St Ninians.
493	Bonhill	Bonhill, and part of Dumbarton.
496 506	Dumbarton	Parts of Cardross and Dumbarton.
509	Cumlodden and Minard .	Part of Kilmalie. Parts of Glassary and Glenaray.
518	Inveraray	Inveraray and part of Glenaray.
515 517	Kilbrandon and Kilchattan Kilchrenan	Kilbrandon and Kilchattan, and part of Jura. [of Kilchrenan and Dalavich. [d] Parts of Kilchrenan and Dalavich, and of Glanovsky and Injahail. (d) Rose
526	Lochgilphead	(1) Parts of Kilchrenan and Dalavich, and of Glenorchy and Inishail; (2) Rest Parts of Glassary and South Knapdale.
529	Muckairn	Parts of Ardchattan aud Muckairn, and of Glenorchy and Inishail.
535 536	Tarbert	Parts of Kilcalmonell and Kilberry, of Saddell and Skipness, and of South
542	Kilfinichen and Kilvickeon	Parts of Kilfinichen and Kilvickeon, and of Torosay.
548 545	Kilmeny	Part of Kilarrow and Kilmeny.
547	Kinlochspelvie	Part of Torosay. Part of Kilchoman.
548	Salen	Parts of Kilninian and Kilmore, and of Torosay.
549 556	lobermory	Part of Kilninian and Kilmore.
557	North Bute	Parts of Kilbride and of Kilmory. North Bute, and part of Rothesay.
572	Neliston	(1) Part of Neilston: (2) Rest of Neilston and nart of Abbay
578 576	Paisley	High, Middle, and Low Church Parishes, and parts of Abbey and of Renfrew.
578	Ayr	(1) Parts of Ardrossan and of West Kilbride; (2) Rest of Ardrossan.  Ayr, and parts of Newton-upon-Ayr, and of St Quivox.
5845	Crosshill	Parts of Kirkmichael, Kirkoswald, and Maybole.
595 612	Irvine	irvine, and part of Dundonald.
6268	Calderhead	Parts of Newton-upon-Ayr, and St Quivox. Farts of Cambusnethan and Shotts.
644 670	Glasgow	City of Glasgow, including Gorhals and name of Reconvent Goven
684	Queensferry Portobello	Queensferry, and part of Dalmeny.  Parts of Duddingston and South Leith. [ton, and North Leith and South Leith. [ton, and North Leith and South Leith.]
685	Edinburgh	or or controlled controlled and battle of St Citthearts, Diddingston, Fiber-
690	Kirknewton & East Calder Leith	Kirknewton and East Calder, and part of Kirkliston.
1 352	1	(1) Parts of Cramond, North Leith, and St Cuthberts; (2) Parts of North Leith, St Cuthberts, and South Leith.
6988	Stobhill	Parts of Borthwick, Cockpen. Newbattle, and Temple.
a	Caddonfoot	Parts of Galashiels, Selkirk, Yarrow, Innerleithen, and Stow.
-	Pagerston .	Part of Melrose. Parts of Jedburgh, Oxnam, and Southdean.
	າ <b>γ</b> α <u>.</u>	Kirktown and part of Cavers.
	rk	Parts of Annan, Cummertrees, and Hoddom.
	nnan	Part of Sanquhar. Parts of Minnigaff (Kirkcudbright) and of Panninghame (Wigtown).
	kbridge	Farts of Balmaciellan, Kirkpatrick-Durham, and Parton.
	ADTROT	Part of Urr. Stranger, and parts of Inch and Leswalt. Digitized by GOOGLE
		Digitized by

LIST of REGISTRATION DISTRICTS which include BURGHS, or TOWNS of 2000 Inhabitants, and upwards, or parts thereof, bearing a different name from the Districts in which they are situated.

No.	Registration Districts.	.	В	urghs.			Towns.
80	Rosemarkie	- 1	Fortrose.				
130	Drainie	-				-	*Lossiemouth.
155a2	Macduff	-	Banff.				
164	Rathven Seafield		Cullan	-	-	-	*Buckie,
11	Winnelles.	-	Cullen. Kintore.				
13	Kintore -		Inverurie.				1
511	Banchory-Devenick -		Aberdeen.				-
53	Benholm		Inverbervie.				
55 1	Dunnottar Fetteresso		1 1	-	-	-	Stonehaven.
62	Kinneff, etc		Inverbervie,	-	-	-	Do.
74	Barry Craig	-		-		-	Carnoustie.
80		-	Montrose.				- Carrio dorica
82 4	St Andrews (Dundee)	-		-	-	-	Broughty-Ferry.
10	Monifieth Panbride	-			-	-	Do.
71	Lecropt	-	: :		-	-	Carnoustie. Bridge of Allan.
74	Logie		Stirling.		-	-	Do,
85		-			-	-	Dollar.
86 a		-	: :	-	-	-	Crieff.
89	Rattray	-		-	-	-	Blairgowrie.
05		-	: :			-	Suburban of Newburgh
08	Ballingry	-		-	-	-	Lochgelly. Do.
10	Beath	-			-	-	Cowdenbeath.
31		-					Newport.
36	Kuconquhar	-  *	Earlsferry.	400			
38 56		-	Anstruther-Eas				*Leven.
59		-	: :			-	Buckhaven.
66	Clackmannan	-		-	-		Allos.
75		-		-	-	-	*Lennoxtown.
78	Dunipace	-		-		-	Denny.
85 88	Larbert St Ninians			-	-	-	Stenhousemulr.
93	Bonhill		: :		*		Bannockburn. *Alexandria.
94	-	-				-	*Renton.
00	New or East Kilpatrick				-	-	*Milngavie.
03	Row	-		45	-	-	*Helensburgh.
23	Kilmore and Kilbride	- *	Oban.				
593	Abbey	-		-	-	-	Johnstone.
60	Cathcart	-		-	-	-	(Busby, Suburban of Glasgow (Crosshill).
62	Eastwood					-	*Pollokshaws and Thornliebank.
64	Greenock, East	-	Port-Glasgow.				2 910 1011111111111111111111111111111111
71		-		-	-	-	Busby.
76 1		-	-	-	-	-	Saltcoats.
77 93	Auchinleck Galston	-		-	-	-	Cumnock.
97		-	2 2	-		-	Newmilns. Hurlford.
03		-		-		-	Galston and Newmilns.
11	Riccarton		Kilmarnock.	-	-	-	Hurlford.
13		-	-	-	-	-	*Catrine.
15	Stevenston Avondale	-	: :	-	1	-	Saltcoats. Strathaven. [Possilpark
21 221	Maryhill		: :	-		-	Strathaven. [Possilpark Suburban of Glasgow (Maryhill ar
							(Suburban of Glasgow (Shettleston ar
22 2	Carota Carota					-	part of Tollcross).
22 2	Shettleston	-		-	-	-	Tollcross.
24	Blantyre Bothwell				-	-	Stonefield.
25 1	Cambusnethan		: :	-	-	-	*Bellshill, Uddingston and Mossend.  *Newmains and Wishaw.
39	Dalziel	-	: :				Motherwell.
43	East Kilbride	-			-	-	Busby. [Polmadie Suburban of Glasgow (Govanhill ar Suburban of Glasgow (Govanhill,
4411	Glasgow (Hutchesontown	n)			-	-	Suburban of Glasgow (Govanhill an
4413	Glasgow (Gorbals) -					-	Suburban of Glasgow (Govanhill,
							Pollockshields, and Strathbungo). (Suburban of Glasgow (Pollockshields,
4414	Glasgow (Kinning Park)	-				-	Strathbungo, and Kinning Park)
461	Govan			-	-	-	Suburban of Glasgow (Govan). [head
462	Portiok	-		-	-	-	Suburban of Glasgow (Partick and Hi
47	Hamilton	-		-	-	-	Larkhall and Motherwell.
551 2	New Monkland (Landwa)	rd)		-	-	-	Suburban of Airdrie.
52	Old Monkland (1) Western District		_				Bailliestone, and Tollcross.
	(2) Middle District	-				-	Coatbridge and Rosehall.
	(3) Eastern District	-					Do. do.
54	Rutherglen	-					Cambuslang.
64		:					Borrowstounness,
72 73 2	Uphall Fauldhouse	-		:			Broxburn. *Crofthead.
76	Cockpen						Bonnyrigg.
89	Inveresk		Musselburgh.				1.00.
91	Lasswade	-		-	-	-	Penicuik, Loanhead.
27	Ayton	-			-	-	Eyemouth.
	Ladhope		Galashiels.				
310 313 b	Wilton Brydekirk		Hawick.				
313 6	Brydekirk Dryfesdale		Annan.				Lockerbie
363	Crossmichael			-	-	:	Castle Douglas,
168	Kells		New Galloway				Citizen ar oughter
369	Kelton	- 1					Castle-Douglas.
376	Minnigaff	-					Newton-Stewart.
		- 1	Dumfries.				
880 882	Terregles Troqueer	- 1	Do.				

## INDEX TO THE DISTRICTS.

The Figures refer to the Numbers of the Districts in the preceding Tables of Births, Deaths, and Marriages, these being numbered consecutively from 1 to 901.\*

Abbey, .	559	Ardrossan	576	Beath (Fife).	410	Burntisland,	411	Closeburn.	816
Abbey St Bath		Arisaig, .	505	Bedrule.	782	Burra & Quarff,	. 1	Clynie (Perth),	339
ans, .	726	Armadale, .	662	Beith (Ayr),	581	Busby, .	571	Cluny(Aberd'n)	
Abbotshall,	399	Arngask, .	404	Belhelvie, .	174	1		Clune, .	45
Abdie.	400	Arrochar, .	492	Bellie, ,	126	Cabrach, .	177	Coatbridge,	652
Abercorn, .	661	Ashkirk, .	781	Benbecula, .	118	Cadder, .	626	Cockburnspath	, 731
Aberdalgie,	323	Assynt, .	44	Bendochy, .	332	Caddonfoot,	774	Cockpen, .	676
Aberdeen .	168	Athelstaneford,	703	Benholm, .	253	Cairney,	178	Coigach, .	75
Aberdour(Aber		Auchindoir,	172	Bernera,	111	Calderhead,	626	Coldingham,	732
deen), .	169	Auchinleck,	57 <b>7</b>	Bervie, .	254	Callander, .	336	Coldstream,	733
Aberdour(Fife)		Auchterarder,	329	Biggar, .	623	Calton, .	644	Colinton, .	677
Aberfeldy, .	324	Auchterderran,		Birnie, .	127	Cambuslang,	627	Coll,	551
Aberfoyle, .	325	Auchtergaven,	330	Birsay,	13	Cambusnethan,	628	Collace, .	340
Aberlady, .	702	Auchterhouse,	273	Birse, .	175	Cameron, .	412	Collessie, .	416
Aberlemno,	269	Auchterless,	173	Blackford,	833	Camlachie,	644	Colmonell, .	582
Aberlour, .	145	Auchtermuchty		Blackfriars,	644	Campboltown,	507	Colonsay,	539
Abernethy,	<b>326</b>	Auchtertool,	407	Blair-Athol,	334	Campsie,	475	Colvend, .	861
Abernethy and		Auldearn,	121	Blairgowrie,	335	Canisbay,	85	Comrie, .	341
Kincardine,	90	Avoch,	59	Blantyre,	624	Canonbie, .	814	Contin,	60
Abernyte,	827	Avondale,	621	Blythswood,	644	Canongate, .	685	Cookney,	258
Aboyne, .	170	Ayr,	578	Boddam, .	232	Caputh,	837	Corsock-Bridge,	
Aharacle, .	505	Ayton, .	727	Boharm, .	28	Cardross,	494	Corstorphine,	678
Airdrie,	651			Boisdale,	118	Careston, .	277	Cortachy&Clove	
Airlie,	270	Baldernock,	471	Boleskine,	92	Cargill,	838	Coull,	182
Airth,	469	Balfron,	472	Bolton,	704	Carlaverock,	815	Coupar-Angus,	279
Alford,	171	Ballachulish an		Bonar,	46	Carloway, .	86	Covington and	•••
Alloa,	465	Corran of Ard		Bonhill, .	493	Carluke,	629	Thankerton,	634
Alma (Shinling)	57	gour,	506	Borgue, .	858	Carmichael,	630	Coylton,	583
Alva (Stirling),	470	Ballantrae,	579	Bo'ness,	663	Carmunnock,	631	Craig,	280
Alvah (Banff),	146 125	Ballingry,	408	Borthwick,	674	Carmylie,	276	Craigie,	584
Alves Alvie	90	Balmaclellan,	856	Bothkennar,	473	Carnbee, .	413	Craignish,	508
	828	Balmaghie,	857	Bothwell,	625	Carnoch (Ross),	434	Crail.	417
Alyth, .	780	Balmerino, . Balquhidder,	409 331	Botriphnie,	148	Carnock (Fife),	414 632	Crailing, .	786
Ancrum, . Anderston,.	643	Banchory-Deve-		Bourtie, . Bowden, .	176   783	Carnwath, . Carriden, .	664	Cramond,	679 734
Annan, .	818	nick, .	251	Bower, .	34	Carrington,	675	Cranshaws, Cranston,	680
Anstruther-E.,	401	Banchory-Ter-	201	Bowmore,	536	Carsphairn,	860	Crathie and	000
Anstruther-W.,		nan, .	252	Boyndie, .	149	Carstairs, .	633	Braemar.	183
Anwoth, .	856	Banff,	147	Bracadale, .	109	Castleton, .	784	Crawford,	635
Appin, .	528	Bannockburn,	488	Brechin.	275	Cathcart.	560	Crawfordjohn.	636
Applecross,	52	Bargrennan,	857	Bressay, .	ž'i l	Cavers, .	785	Creich (Fife),	418
Applegarth,	813	Barony, .	622	Bridgeton, .	644		122	Crichton.	681
Arbirlot.	275	Barr,	580	Brodick.	553	Ceres, .	415	Criech (Suther-	001
Arbroath, .	275	Barra (Inverness		Broughton,	758	Channelkirk,	729	land),	46
Arbuthnott.	250	Barrhead and	,,,,,,	Brydekirk, .	813	Chapel-of-Gari-	ا	Crieff,	842
Ardchattan.	504	Levern, .	572	Buchanan, .	474	och,	179	Crimond, .	184
Ardelach,	120	Barrhill, .	582	Buckhaven,	459	Chirnside, .	780	Cromarty, .	61
Ardersier, .	91	Barry (Forfar),		Buittle, .	859	Clackmannan,	466	Cromdale and	~.
Ardnamurchan,		Barvas,	86	Bunkle and		Clatt,	180	Advie, .	128
Ardoch, .	828	Bathgate, .	662		728	Cleish, .	460		584
, ,	(	,	1	, .		, •	(	, .	

<sup>\*</sup> The actual number of Districts is 1048—many Parishes and Burghs having been divided into two or more Districts for the purpose of Registration. Thus Edinburgh and Glasgow, to each of which only a single number is assigned in the Tables, consist of 5 and 14 Districts respectively. In forming the alphabetical arrangement the principle adopted has been as place compound names in the order in which they are pronounced.

0 11 1 000				950	. IIla	111	Wilehamen.	K40
Crossmichael, 863		36	Forgandenny,	853	Harris,	111 789	Kilchoman, Kilchrenan,	540 517
Croy & Dalcross, 94		283	Forglen, .	154	Hawick, .	688		436
Cruden, . 185		150	Forgue, .	194 137	Heriot, .	790	Kilconquhar, Kilcreggan,	502
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# THIRTY-THIRD ANNUAL REPORT

OF THE

# REGISTRAR-GENERAL

ON THE

# BIRTHS, DEATHS, AND MARRIAGES

REGISTERED IN

## SCOTLAND

DURING THE

YEAR 1887;

AND

# TWENTY-THIRD ANNUAL REPORT

ON

# VACCINATION.

Presented to both Houses of Parliament by Command of Ber Majesty.



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# REPORT.

TO THE MOST HON.

## THE MARQUESS OF LOTHIAN, K.T.,

Her Majesty's Secretary for Scotland.

GENERAL REGISTRY OFFICE OF BIRTHS, Etc., EDINBURGH, 19th March 1889.

My LORD,

I have now the honour to submit to you, in accordance with the requirements of the Scottish Registration Act (17 and 18 Vict. cap. 80), a General Abstract of the Births, Deaths, and Marriages registered in Scotland during the year 1888, drawn up in the usual form, with a view to its being laid before Parliament.

I have likewise the honour to submit to you, in accordance with Section 19 of the Vaccination Act (26 & 27 Vict. cap. 108), the Twenty-fourth Annual Report on Vaccination, which includes all the usual details relative to children whose Births were registered in Scotland during the year 1887.

No deaths from Small-pox were recorded in the Registers of Eight of the Principal Towns of Scotland during the year under review.

I have the honour to be,

My LORD,

Your most obedient Servant,

STAIR AGNEW,

Registrar-General.

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## REPORT OF THE REGISTRAR-GENERAL

## FOR SCOTLAND FOR THE YEAR 1888.

THE following Report contains the usual details regarding the Births, Deaths, and Marriages registered during the year 1888 in the 1048 Registration districts into which Scotland was that year divided. Appended to the General Report is the Twenty-fourth Report on Vaccination, in which is contained all the available information regarding the administration of the Scottish Vaccination Act, and especially in relation to the vaccination of children born in Scotland during 1887.

The population of Scotland, estimated to the middle of 1888, was 4,034,156; of this number 1,956,790 being males, and 2,077,366 females.

Table I.—Population estimated to the middle of each year, with the Number of Births, Deaths, and Marriages registered in Scotland during each of the Years 1855 to 1888, and their Proportion to the Population; also the Excess of Births over Deaths, the Number of Illegitimate Births, and their Proportion to the Total Births.

YEAR	Estimated Population.	BIRT	HS.	DEATHS.	MAR- RIAGES.	Excess of Births over	Percen	Percent. of Illeg. to Total		
		Total.	Illegit.		MIAGES.	Deaths.	Births.	Deaths.	Marriages.	Births.
1855	2,978,065	93,849	7,357	62,004	19,680	31,345	3.1491	2.0820	0.6608	7.8
1856	2,995,771	101,821	8,695	58,529	20,740	43,292	3:3988	1.9537	0.6923	8.5
1857	3 912,310	103,415	8,869	61,906	21,369	41,509	3.4331	2.0551	0.7094	8.2
1858	3,027,665	104,018	9,354	63,539	19,655	40,479	3.4356	2:0986	0.6492	8.9
1859	3,041,812	106,543	9,715	61,714	21,201	44,829	3.2026	2 0288	0.6969	9-1
1860	3.054.738	105,629	9,736	68,170	21,225	37,359	3.5578	2.2316	0.6948	9.2
1861	3,069,404	107,009	9,929	62,341	20.896	44,668	3.4863	2.0310	0.6808	9.2
1862	3.097.009	107,069	10,376	67,195	20,597	39,874	3.4572	2.1697	0.6651	9.7
1863	8,126,879	109,341	10,948	71,481	22,234	37,860	3.4968	2.2860	0.7160	10.0
1864	3,156,021	112,333	11,197	74,416	22,725	87,917	3.5594	2:3579	0.7200	9.9
1865	3,185,437	113,070	11,262	70,891	23,611	42,179	3.5496	2.2255	0.7412	9.9
1866	8,215,129	113,667	11,673	71,348	23,688	42,319	3.5354	2.2191	0.7367	10.2
1867	3,245,098	114,044	11,148	69,067	22,618	44,976	3:5063	2.1284	0.6970	9.7
1868	3,275,350	115.514	11,354	69,416	21,855	46,098	3.5267	2:1193	0.6673	9-8
1869	3,305,885	113,354	11,066	75,875	22,144	37,479	3.4288	$2 \cdot 2951$	0:6698	9.7
1870	3,336,707	115,390	11,108	74,165	23,854	41,225	3.4582	2.2227	0.7149	9.6
1871	8,368,921	116,128	11,077	74,712	24,019	41,416	3:4470	2.2177	0.7130	9.5
1872	3,404,798	118,765	10,927	75,794	25,641	42,971	3 4882	2.2261	0.7581	9.2
1878	8,441,056	119,700	10,925	76,946	26,748	42,754	3:4786	2 2361	0.7773	9.1
1874	8,477,704	123,711	10,991	80,720	26,390	42,991	3.5573	2:3211	0.7588	8.9
1875	3,514,744	123,578	10,786	81,767	25,974	41.811	3:5160	2:3264	0.7390	8.73
1876	3,552,183	126,534	11,029	74,129	26,579	52,405	3:5621	2.0869	0.7482	8.72
1877	8,590,022	126,822	10,569	73,937	25,817	52.885	3.5326	<b>2</b> ·059 <b>5</b>	0.7191	8.33
1878	3,628,268	126,773	10,641	76,793	24.358	49,980	3:4910	2.1165	0.6713	8:39
1879	8,665.443	125,730	10,727	73,347	23,519	52,383	3.4301	2.0010	0.6416	8:53
1880	3,705,995	124,570	10,589	75,803	24,595	48,767	3.3613	2.0154	0.6612	8.50
1881	3.745,485	126,171	10,481	72,025	26,004	53,846	3:3686	1 9310	0 6943	8:31
1882	3,785,400	126,158	10,546	72,989	26,596	53,169	3:3528	1.9252	0.7026	8:36
1883	3,825,744	124,458	10,114	76,891	26,869	47,567	3.2532	2.0098	0.7023	8.13
3884	3,866,521	129,157	10,439	75,168	26,106	58,989	3:3404	1.9441	0.6752	8.12
1885	3,907,786	126,100	10,680	74.607	25,304	51,493	3.2269	1.9092	0.6474	8.47
1886 1887	3,949,393	127,927	10,503	73,622	24,469	54,305	3:2391	1.8641	0.6196	8.21
3887	8,991,499	124,375	10,365	74,500	24,851	49,875	3.1163	1.8665	0.6226	8:33
1888	4,034,156	123,225	9,991	71,161	25,281	52,064	3.0545	1.7640	0.6267	8.11
	_ ' '								1	

During the year the number of births registered was 123,225, of deaths 71,161, and of marriages 25,281; the proportion of births to every hundred of estimated population being 3.05, of deaths 1.76, and of marriages 0.63. If these numbers are compared with those for previous

Per cent. 4034156 53°-3 123225 71161 25281 32088 18048 6318 30037 14919 5892 30627 17371 7129 30481 20824 5942 No. Mean per cent. Ten Years. 3-32 3-29 2-18 0-67 3-50 2-00 0-66 48.0 3.25 3.22 3.04 3.12 1.87 0.62 3.29 1.88 0.61 3-11 2-04 0-63 3.03 1.88 0.68 TABLE II.—Number of Births, Deaths, and Marriages in Scotland and their Proportion to the Population, estimated to the middle of each year, during each Quarter of the Years 1878 to 1888 inclusive. Per cent. 8991499 49..6 550.7 80.0 1887. 9.88 124375 74500 24851 3-17 80602 1-63 16885 0-56 5643 30486 18894 6876 20036 6249 No. 8685 3-39 1-88 0-62 3.12 3-24 1-86 0-62 3-27 2-11 0-64 Per cent. 3949393 41.8 1886. 35°-3 1.0.1 127927 73622 24469 3·17 31603 1·62 16263 0·58 5612 33381 18555 6091 31880 20516 6229 1063 8288 6537 No. 3 33 33 1 33 18 0-65 3-231 2-27 3-20 1-82 0-69 Per cent. 3907736 54.0 7.º78 9.01 £0.09 1885. 126110 74603 25256 3-52 32404 1-95 18793 0-69 6363 3-21 30878 1-99 21936 0-70 6408 3-29 31554 2-03 17893 0-72 6806 3-32 31274 1-81 15981 0-59 5679 No. 3.34 Per cent. 3866521 9.99 1884. 40°-2 48.7 75128 26061 3-40 33897 2-14 18751 0-71 6673 3-1232234 1-7217555 0-62 5729 3-17,31961 1-86,19707 0-79,6980 19115 No. 3:32 2:33 0.69 3-25 2-01 0-70 Per cent. 3825744 380.2 420.1 1883. 124462 76867 26855 3-30 31342 1-93 22012 0-70 6530 3-52 32420 1-93 20386 0-69 6814 3-25-30087 1-78-16537 0-63-5890 30163 17932 7621 No. 3.33 2.06 Per cent. 40..2 55.2 45.0 126182 72966 26574 3-5633346 1-9118293 0-66 6609 3-33 30718 1-67 16886 0-62 5957 3-30 31206 2-27 18265 0-69 6589 30912 19522 7419 No. 1.93 3.29 Per cent. 3745485 8.2 420.7 330.0 1881 126214 72301 25948 3.65,33351 2.13,17889 0.67 6208 3-26 31158 1-84 15602 0-59 5787 3.38 30860 2.24 21284 0.65 6483 30845 17526 7470 No. 3.36 2.05 0.66 3-17 Per cent. 3705995 49..2 39.-2 390.9 570.1 124652 75795 24489 29327 18286 6759 31319 20751 6006 33827 19711 6224 30179 17047 5500 No. 3.41 2.40 0.64 3-60 2-05 0-66 3.43 1.65 0.55 3-28 1-91 0-71 3.43 2.00 0.64 Per cent. 8665443 40.4 46.8 1879. 125736 73329 28462 3-4431268 2-2421950 0-67 5828 3-71 32968 2-1518784 0-67 6050 3- 31436 1-9115115 0-61 5061 3.3830064 2.1617480 0.73 6523 No. Per cent. 3628268 1878. 2.22 390.2 126707 76775 24833 50° 30616 19597 6662 31236 17344 5508 31226 20320 6068 19514 6095 No. FOURTH QUARTER. Births, ..... SECOND QUARTER Mean Temperat. Mean Temperat. Mean Temperat. Mean Temperat Marriages, ..... Marriages ..... THIRD QUARTER. Marriages,.... FIRST QUARTER. Marriages,... Births, ..... Deaths, ..... Marriages... Deaths, .... YEAR. Population. Deaths, Deaths.

years, as shown on tables I. and II., it is seen that the birth-rate is below that for last year, which was the lowest of any previously recorded, that the death-rate is the lowest, and that the marriage-rate, which had reached its lowest point in 1886, has since then been gradually increasing.

The excess of births over deaths is 52,064.

## BIRTHS.

123,225 births were registered in Scotland during 1888, being at the rate of 3.05 per cent., or 305 for every ten thousand of estimated population; of these 63,156 were males, and 60,069 females. From Tables IV. and V. information may be obtained as to the number and proportion of births in the five groups of Registration districts into which the country is divided. In the Principal Town districts 50,581 births were recorded, being at the rate of 3.18 for every hundred of the estimated population; of these 26,087 were of males, and 24,494 of females; in the Large Town districts the number was 14,997, or 3:32 for every hundred inhabitants, 7730 being of males, and 7267 of females; the number in the Small Town districts was 26,324, or 3.09 per cent. of the population, 13,425 being of males, and 12,899 of females; the number in the Mainland-Rural districts was 28,268, or 2.79 per cent., 14,347 being of males, and 13,921 of females; and in the Insular-Rural districts 3055 births occurred, or 2.36 per cent. of estimated population, 1567 being of males, and 1488 of It thus appears that the highest birth-rate occurred in the Large Town districts, followed by the Principal Town, Small Town, and Mainland-Rural districts, and that the lowest rate occurred in the Insular-Rural districts.

Of the 123,225 births 9991, or 8·1 per cent. were illegitimate. In the Mainland-Rural districts the rate was 10·2 per cent.; in the Principal Town districts, 7·8; in the Small Town districts, 7·5; in the Large Town districts, 6·7; and in the Insular-Rural districts, 6·2 per cent.

Table III.—Births, Deaths, and Marriages in each of the Eight Divisions of Scotland during the Year 1888, and their Proportion to the Estimated Population.

		Population estimated	BIR	THS.	DEA	THS.	MARRIAGES.		
Divisions,		to middle of 1888.	Number.	Per cent. to Pop.	Number.	Per cent, to Pop.	Number.	Per cent. to Pop.	
Northern .		121,807	2,923	2.40	1,950	1.60	458	0.37	
North-Western		165,656	4,135	2.50	2,618	1.58	655	0.39	
North-Eastern		436,354	13,338	8.06	7,021	1.61	2,570	0.59	
East-Midland .		633,841	17,745	2.80	10,832	1.71	3,686	0.28	
West-Midland.		810,549	9,203	2.96	5,222	1.68	1,573	0.51	
South-Western		1,547,277	51,918	8.36	29,331	1-90	11,105	0.72	
South-Eastern.		604,735	18,172	8.00	10,478	1.73	4,145	0.69	
Southern .		218,937	5,791	2.71	8,714	1-74	1,094	0.51	

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Table VI. shows the rate of illegitimacy in the geographical divisions and also in the counties of Scotland during the year. In the divisions the highest rate occurred in the North-Eastern, viz. 13.9; the next highest in the Southern, 13.2; while the lowest was in the South-Western,

Table IV.—Births, Illegitimate Births, Deaths and Marriages in the Five Registration Groups of Town, Rural, and Insular Districts in Scotland in 1888.

REGISTRATION		tion estin			BIRTH	S.	EGITI- BIRTHS.	D	AGES.		
GROUPS OF DISTRICTS.	Males.	Females	Both Sexes.	Males.	Fem.	Both Sexes.	ILLEG MATE BI	Males,	Fem.	Both Sexes,	MARRIAGES
Principal Town Districts	757,342	831,008	1,588,350	26,087	24,494	50,581	3,930	15,101	15,407	30,508	12,324
Large Town Districts .	222,125	229,857	451,982	7,780	7,267	14,997	1,008	4,142	4,259	8,401	2,959
Small Town Districts .	414,223	438,938	858,161	13,425	12,899	26,324	1,986	6,934	7,366	14,306	4,832
Mainland-Rural Districts	501,821	509,598	1,011,419	14,347	13,921	28,268	2,877	7,868	8,046	15,914	4,751
Insular-Rural Districts	61,279	67,965	129,244	1,567	1,488	3,055	190	922	1,116	2,038	415
SCOTLAND	1,956,790	2,077,866	4,034,156	63,156	60,069	123,225	9,991	34,967	36,194	71,161	25,28

Table V.—Percentage of Births, Deaths, and Marriages to the Population, distinguishing the Sexes;
Percentage of Illegitimate to the Total Births, and Proportion of Boys to Girls at Birth, in the
Five Groups of Registration Districts in 1888.

		Perce	of Ille- Total	Boy					
REGISTRATION GROUPS OF DISTRICTS,		BIRTHS.			DEATHS.		AGES.		Proportion of 1 to every 100 G at Birth.
	Males.	Females.	Both Sexes.	Males.	Females.	Both Sexes.	тап√Ж	Percentage gitimate to Birth	Proporto to eve
Principal Town Districts	3·44	2.95	8·18	1.99	1.85	1.92	078	7.8	106.5
Large Town Districts .	3.48	8-16	8.32	1.86	1.85	1.86	0.65	6-7	106.4
Small Town Districts .	3·24	2.94	3.09	1.67	1.68	1.68	0.57	7.5	104·1
Mainland-Rural Districts	2.85	2.78	2.79	1.57	1.58	1.57	0.47	10-2	103·1
Insular-Rural Districts	2.56	2·19	2.36	1.50	1.64	1.58	0.82	6.3	105-3
SCOTLAND	3.53	2.89	3.05	1.79	1.74	1.76	0.63	8·1	105-1

Table VI.—Proportion of Illegitimate to every 100 Births in Scotland, its Divisions and Counties, in 1888.

Divisions.	Percent. of Illegit.	Counties.	Percent. of Illegit.	Countles.	Per cent. of Illegit.	Counties.	Per cent. of Illegit.
SCOTLAND.  NORTHERN DIVISION. NORTH-EASTERN DO. NORTH-EASTERN DO. SEAST-MIDLAND DO. SOUTH-EASTERN DO. SOUTH-EASTERN DO. SOUTH-EASTERN DO.	8·1 7·8 7·1 13·9 8·4 6·0 6·5 7·8 13·2	Shetland Orkney	3·4 5·6 12·6 6·7 5·4 8·7 11·9 15·7 15·2 18·4 13·6	Forfar	10·1 9·5 5·6 13·4 6·0 6·1 4·9 8·0 4·6 5·2 7·5	Lanark Linlithgow Edinburgh Haddington Berwick Peebles Seikirk Roxburgh Dumfries Kirkeudbright Wigtown	6.6 5.5 7.8 7.9 10.2 9.8 9.1 10.4 14.4 12.7 15.8

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6.5; and the West-Midland, 6.0 per cent. In the counties the rate varied from 3.4 per cent. in Shetland to 15.7 per cent. in Elgin. In 13 counties the rate was over 10.0 per cent.; that in Aberdeen and Kinross being 13.4; Kincardine, 13.6; Dumfries, 14.4; Banff 15.2,; Wigtown, 15.3; and Elgin, 15.7 per cent.

Of the whole 123,225 births, 63,156 were of males, and 60,069 of females, being at the rate of 105.1 boys for every 100 girls. The highest proportion of male to female births occurred in the Principal Town districts,

and the lowest in the Mainland-Rural.

Births were most numerous in June, when they were registered at the rate of 357 daily, May coming next with 354 daily, October with 350 daily, April with 348 daily, July with 337 daily, March with 336, February with 335, January with 333, August with 329, December with 327; the lowest rates being 320 daily in November, and 314 daily in September. The daily average number of births registered during the year was 337, males 173, females 164. The average number of illegitimate births was 27 per diem.

## DEATHS.

71,161 deaths were registered in Scotland during 1888, being in the proportion of 176 for every ten thousand of estimated population, or 1.76 per cent. This is the lowest death-rate for any year since 1855, when the

present registration system commenced.

Table V. shows the highest mortality to have occurred in the Principal Town districts, where it was 192 per ten thousand of the estimated population; the rate in the Large Town districts was 186; in the Small Town districts, 168; in the Insular-Rural districts, 158; and in the Mainland-Rural districts, 157. These numbers, when compared with those for last year, show a lower rate of mortality in the Town districts and a slightly higher in the Rural districts.

The average number of daily deaths was highest during January, being for that month 234, for March 227, February 225, April 213, May 195, December 192, October 190, June 187, November 184, July 166, August 163, and September 158. The daily average for the year was 194.

## MARRIAGES.

The number of marriages registered during the year was 25,281, being at the rate of 63 for every ten thousand of estimated population. This rate shows a slight increase on that for the last two years, although it is still below the average for the last ten.

The marriage rate was highest in the Principal Town districts, where it was 78 for every ten thousand of the estimated population, followed by the Large Town districts with 65 per ten thousand, the Small Town districts with 57, the Mainland-Rural districts with 47, the Insular-Rural districts

coming last with 32.

Marriages occurred at the rate of 114 daily during June, 108 daily during December, 101 during January, 91 during July, 69 during November, 65 during April, 56 during October, 54 during September, 48 during February, 47 during August, 46 during March, and at the rate of 31 daily during May.

### EIGHT OF THE PRINCIPAL TOWNS OF SCOTLAND.

The remarks in the following sections of this Report are derived from information furnished in weekly returns by the Registrars of the following Principal Towns, viz., Glasgow, Edinburgh, Dundee, Aberdeen, Greenock, Leith, Paisley, and Perth, and it is believed that facts relating to them apply also to a considerable extent to the surrounding districts.

#### BIRTHS IN THESE EIGHT TOWNS.

The number of births registered in these Towns during the year was 42,853, being at the rate of 326 for every ten thousand of estimated population. The highest birth-rate occurred in Glasgow, viz., 367 per ten thousand of its inhabitants; the next in Paisley, 354; Aberdeen, 322; Leith, 313; Greenock, 287; Edinburgh and Dundee each 285; and in Perth, 283.

Of the whole 42,853 births, 3576, or 8:34 per cent. were illegitimate. In Dundee, 10.5 per cent. of the births were illegitimate; in Aberdeen, 10.0; in Perth, 9.7; in Edinburgh, 8.7; in Glasgow, 8.2; in Leith, 6:3; in Paisley, 5:8; and in Greenock, 5:6 per cent. Table VIII. shows the percentage of illegitimate children born during the year to the estimated number of possible mothers, i.e., the unmarried females and widows between the ages of 15 and 45 years living in these towns. In Glasgow, 2:27 illegitimate children were born for every hundred of possible mothers; in Aberdeen, 2:26; in Perth, 1:90; in Leith, 1:85; in Dundee, 1:77; in Greenock, 1:60; in Edinburgh, 1:48; and in Paisley, 1:35 per cent.

Of the total number of children born during the year in these eight towns, 22,090 were males, and 20,763 females, the proportion of boys to girls being

106.4 to 100.

#### DEATHS IN THESE EIGHT TOWNS.

26,134 deaths were registered in these towns during 1888, of whom 12,932 were males, and 13,202 females; the total rate of mortality being 199 for every ten thousand of the estimated population.

From Table VIII. it will be seen that the death-rate in Paisley was 258 per ten thousand of its estimated population; in Glasgow 222; in Dundee 184; in Aberdeen 183; in Perth 181; in Edinburgh 180; in

Greenock 160; and in Leith 158.

If these rates are compared with those corresponding for 1887 (Table IX.), it will be found that a decrease in the mortality has occurred in all the towns; and, when compared with the mean death-rates for the last ten years, it is seen that a decrease has occurred in all the towns except Paisley.

From Table X. may be gathered information relating to the mortality among children under five years of age in each of these eight towns. In one column is shown the percentage of deaths of children under five years of age to the total number living at that age, and in another the percentage

Table VII.—Births, Deaths, and Marriages, and their Proportion to the Population, in the Principal Town Districts of Scotland, during each of the Years 1855-1888.

de de	Population	BIE	THS.	DE	ATHS.	MARE	HAGES.
YEARS,	estimated to the middle of each year.	Number.	Por cent. to Population.	Number.	Per cent. to Population.	Number.	Per cent, to Population
1855	827,558	28,113	3.39	22,706	2.74	6,987	0.84
1856	837,540	31,719	3.78	22,254	2.65	7,507	0.89
1857	847,522	32,674	3.85	28,363	2.75	7,476	0.88
1858	857,504	32,563	3.79	23,445	2.73	6,865	0.80
1859	867,486	33,027	3.80		2.56	7,554	0.87
1860	877,468	22,958	3.75	22,352 26,066	2.97	7,688	0.87
1861	889,133	34,351	3.86		2.60	7,753	0.87
1862	906,042	34,436	3.80	23,149	2.76	7,724	0.85
1863	928,276	35,888	3.88	24,960 27,045	2.93	8,544	0.85
1864	940,840	37,058	3.94		3.07	8,897	0.92
1865	958,731	38,109	3.94	28,845	2.90	9,347	0.94
1866	976.986	38,541	3.94	28,515	2.81	9,458	0.96
1867	995.583	39,012	3.96	27,466	2.69	8,870	0.90
1868	1,014,586	39,492	3.89	26,519	2.76	8,589	0.86
1869	1,014,586	39,517	3.83	28,037	3.04	9,156	0.88
1870	1,053,542	40,452	3 83	31,467	2.70	9,733	0.92
1871	1,081,558	40,452	3:74	28,508	2-91	9,819	0.91
1872	1,081,338	41,673	3.81	31,426	2.76	10,427	0.95
1873	1,105,452	41,500	3.75	30,199 30,008	2.71	10,427	0.96
1874	1,105,452	42,631	3.81		2.87	10,574	0.95
1875	1,129,874	42,631		32,124	274	10,670	0.94
1876	1,142,287	44,265	3.86	30,983	2.45	10,722	0.04
1877	1,154,886	44,575	3·87 3·86	27,977	2.44	10,706	0.93
1878	1,167,524	44,329	3.80	28,227	2.52	9,727	0.83
1879	1,180,541	43,613	3.69	29,425 27,144	2-32	9,490	0.80
1880	1,193,320	42,903	3.00		2.42	9,763	0.82
1881	1,206,057	42,909	3:56	28,873	2.42	10,496	0.87
1882	1,219,586	43,549	3.57	27,243	2.28	10,753	0.88
1883		52,143		27,759	2:41	13,114	0.89
1884	1,464,201 1,490,648	54.242	3:56 3:64	35 311	2.41	12,256	0.82
1884	1,511,795	52,058	3.44	34,231	2.17	11,618	0.77
1886		52,038		32,727	2.10	11,572	0.75
	1,586,917	50,819	3.40	32,231	2.10	11,772	0.75
1887 1888	1,562,427 1,588,350	50,581	3 25 3 18	32,672	1.92	12,324	0.78
1000	1,058,500	00,001	0.18	30,508	132	12,024	0.10

Table VIII.—Births, Deaths, and Marriages, and their Proportion to the Population, during the Year 1888, in each of the following Principal Towns of Scotland; Estimated Number of Unmarried Women and Widows between 15 and 45 years of age; also the Illegitimate Births, and their Proportion to the Total Births, and to the Number of possible Mothers.

	Population	BIRT	HS.	Women lows and 46.	ILLE	GIT. BI	RTHS.	DEA'	rns.	MARR	IAGES.
Towns	estimuted to the middle of 1888.	Num- ber.	Per cent. to Pop.	Unmarried Won and Widows between 15 and	Num- ber.	Per cent. to Total Births.	Percentage to Possible Mothers.	Num- ber.	Per cent. to Pop.	Num- ber.	Per cent, to Pop.
Glasgow	526,088	19,314	8.67	69,377	1575	8-2	2.27	11,675	2.32	4853	0.92
Edinburgh	262,733	7,491	2.85	44,031	653	8.7	1.48	4,736	1.80	2157	0.83
Dundes	160,619	4,570	2.85	26,985	478	10.2	1.77	2,957	1.84	1124	0.70
Aberdeen	119,334	3,840	3.22	17,006	385	10.0	2.26	2,179	1 83	918	0.77
Greenock	77,015	2,209	2.87	7,699	123	5.6	1.60	1,231	1.60	470	0.61
Leith	74,320	2,326	3.13	7,877	146	6.3	1.85	1,175	1.28	558	0.75
Paisley	61,687	2,183	8-54	9,401	127	5.8	1.35	1,592	2.58	480	0.78
Perth	82,478	920	2.83	4,684	89	9-7	1-90	589	1.81	222	0.68

among the same children to the total mortality. In Paisley, out of every thousand children estimated to be living there, 82 died during the year; in Glasgow the proportion was 66; in Dundee 53; in Edinburgh 49; in Aberdeen, in Greenock, and in Leith, 42; and in Perth 37. It also appears from this table, that of the total deaths in Paisley, 42:3 per cent. occurred among children under five years of age; in Glasgow 40.7; in Leith 40.1; in Greenock 39.4; in Dundee 38.2; in Edinburgh 33.4; in Aberdeen 31.4;

and in Perth 25·1 per cent.

Information in regard to the more important causes of the deaths that were registered in each of the eight towns is given in Tables XI. and XII. From these it appears that Zymotic Diseases proved fatal to 0·242 per cent. of the total estimated population, or 12·18 per cent. of the specified deaths. This class of diseases proved fatal to 0·572 per cent. of the population of Paisley; to 0·293 of that of Glasgow; to 0·206 of that of Greenock; to 0·196 of that of Leith; to 0·186 of that of Perth; to 0·173 of that of Dundee; to 0·172 of that of Edinburgh; and to 0·163 of that of Aberdeen. The percentage of deaths from these diseases to the total deaths was 22·17 in Paisley; 13·20 in Glasgow; 12·91 in Greenock; 12·41 in Leith; 10·27 in Perth; 9·55 in Edinburgh; 9·38 in Dundee; and 8·90 in Aberdeen.

In Glasgow 3.73 per cent. of the specified deaths were from Hooping Cough; 2.05 from Diarrhæa and Dysentery; 1.86 from Measles; 1.45 from Diphtheria; 1.42 from Scarlet Fever; and 0.89 from Fevers, of which 0.63

were Typhoid or Enteric, and 0.16 Typhus.

In Edinburgh the percentage from Measles was 2·14; from Diarrhoea and Dysentery 1·55; from Hooping Cough, and from Diphtheria, each 1·48; and from Fevers 0·80, of which 0·63 were Typhoid or Enteric, and 0·11 Typhus.

In Dundee the deaths from Diarrhea and Dysentery amounted to 3:32 per cent. of the whole; Scarlet Fever to 1:22; Diphtheria to 0:88; and

Fevers 0.81, of which 0.61 were Enteric, and 0.20 Typhus.

In Aberdeen Hooping Cough caused 3:18 per cent. of the mortality; Diarrhoea and Dysentery 2:63; and Fevers 0:74, of which 0:60 were Enteric, and 0:14 Typhus.

In Greenock 3.51 per cent. of the deaths were attributed to Measles; 2.21 to Diarrhea and Dysentery; 2.21 to Diphtheria; 1.22 to Hooping Cough; 1.39 to Fevers, 0.74 being Enteric, and 0.65 Typhus; and 1.14 to Scarlet Fever.

In Leith 3.51 per cent. of the deaths were ascribed to Measles; 2.31 to Hooping Cough; 1.54 to Diarrhea and Dysentery; 1.28 to Fevers, 1.11 of

which were Enteric, and 0.17 Typhus; and 1.11 to Diphtheria.

In Paisley no less than 11.34 per cent. of the deaths were from Measles; 2.64 from Diarrhoea and Dysentery; 2.20 from Hooping Cough; 2.20 from Fevers, 1.45 being Enteric, and 0.63 Typhus; and 1.45 from Diphtheria.

In Perth Scarlet Fever caused 3.25 per cent. of the deaths; Diphtheria, Diarrhoa and Dysentery, and Fevers, each 1.37; of the latter, 1.20 being

Enteric, and 0.17 Typhus.

In the whole of these Eight Towns there were registered during the year, 668 deaths from Hooping Cough, being 2.57 per cent. of the whole specified deaths, or 5.1 per ten thousand of the estimated population. From Meeasls there resulted 604 deaths, being at the rate of 2.32 per cent. of the whole, or 4.6 per ten thousand of estimated population. Diarrhæa and Dysentery caused 561 deaths, being 2.16 per cent. of the whole, or 4.3 per

ten thousand inhabitants. Diphtheria caused 343 deaths, being 132 per cent. of the whole, or 26 per ten thousand inhabitants. Scarlet Fever caused 276, being 106 per cent. of the whole deaths, or 21 per ten thousand of population. Fevers caused 256 deaths, being 098 per cent. of the whole, or 19 per ten thousand of the population; of these Typhus caused 54, and Typhoid or Enteric 186 deaths; the highest proportion from the former occurring in Greenock and Paisley, and from the latter in Leith, Paisley, and Perth.

No deaths were registered from Smallpox during the year.

Zymotic Diseases caused 3165 deaths, being a considerable decrease on the number for the preceding year. Of these 126 were from Syphilis, 125

from Erysipelas, and 110 from Puerperal Fever.

Constitutional Diseases caused. 4912 deaths, or 1890 per cent of the whole, the proportion to every ten thousand of the estimated population being 376. To Rheumatism and Rheumatic Fever were attributed 167 deaths. Cancer was the cause of 826 deaths, forming 3·18 per cent of the whole, or 6·3 in every ten thousand of the population, and was most fatul in Edinburgh, Aberdeen, Leith, and Perth. Five deaths were ascribed to Gout. Phthisis was stated to have caused 2712 deaths, equal to 10·43 per cent of the mortality, or 20·7 per ten thousand of estimated population, Glasgow, Paisley, and Dundee, showing the highest proportion to the population. Tubercular Meningitis caused 452 deaths, Tabes Mesenterica 371, and other forms of Scrofula 227.

Table IX.—Percentage of Deaths to the Population in each of Eight of the Principal Towns of Soutland during each of the Years 1878-1888.

Tow							Perce	ntage (	of Deat	he to t	he Popi	ılation.	•		
10₩	ло.			1878.	1879.	1880.	1881.	1882.	1883.	1884.	1885.	1886.	1887.	Mean of Ten Years.	1888
Glasgow Edinburgh Dundee .	:	:	:	2·79 2·24 2·82	2·46 1·99 2·29	2·61 2·19 2·46	2·52 2·01 2·07	2·54 1·96 2·10	2·82 1·92 2·39	2·69 1·97 2·07	2·59 1·82 2·01	2·51 1·92 1·83	2-31 1-97 2-12	2·58 2·00 2·17	2·22 1·80 1·84
Aberdeen Greenock Leith Paisley	:	:	:	2·20 2·33 2·14 2·97	2·09 2·86 1·98 2·75	2·00 2·37 2·30 2·59	1·94 2·19 2·08 2·28	2·03 2·25 1·86 2·57	1·91 2·50 2·03 2·42	2·20 2·05 1·88 2·59	1·79 2·10 1·68 2·49	1·94 1·73 1·76 2·27	2·18 1·98 1·75 2·60	2·03 2·19 1·95 2·55	1.88 1.60 1.58 2.58
Perth .				2.22	2.25	2.28	2.15	2.85	1.91	1.97	1.72	1.83	1.84	2.05	1.81

Table X. - Deaths of Children under Five Years of age in each of Eight of the Principal Towns of Scotland during the Year 1888.

	To	WHS.				Estimated Number of Living Children under 5 years in 1883.	Deaths under 5 years of age.	Percentage of Deaths under 5 years.	Percentage of Deaths under 5 years to the Total Deaths
Glasgow Edinburgh Dundee Aberdeen Greenock Leith	:	:	:	:	:	72,071 32,227 21,452 16,414 11,420 11,180	4,750 1,583 1,181 684 485 471	6·59 4·91 5·27 4·17 4·25 4·21	40·7 23·4 .88·2 31·4 .39·4 40·1
Paisley Perth	:	:	:	:	:	8,299 <b>4,041</b>	674 148	8·19 8·66	42·3 .25·1

From Diseases of the Nervous System 3185 deaths occurred, constituting 12:25 per cent. of the total number, or 24:4 per ten thousand inhabitants. The percentage of these diseases to the total in the several towns was:—In Perth 14:38; in Greenock 13:89; in Aberdeen 13:75; in Glasgow 12:24; in Dundee 12:15; in Edinburgh 11:85; in Paisley 10:96; and in Leith 10:53; the proportion per ten thousand of the population being 28:3 in Paisley; 27:2 in Glasgow; 26:1 in Perth; 25:1 in Aberdeen; 22:4 in Dundee; 22:2 in Greenock; 21:4 in Edinburgh; and 16:6 in Leith.

To Diseases of the Organs of Circulation were attributed 2183 deaths, the percentage to the whole being 8.40, and the rate per ten thousand of the population 16.7. It appears that in Aberdeen the proportion of deaths from this class of diseases to the total deaths was 11.49 per cent.; in Leith 11.04; in Edinburgh 10.61; in Perth 10.27; in Dundee 8.09; in Greenock

7.52; in Glasgow 6.94; and in Paisley 6.86 per cent.

Diseases of the Respiratory Organs (not including Phthisis) caused 5679 deaths, or 21.85 per cent. of the total, the proportion to the population being 43.4 per ten thousand. The greatest proportion of deaths from these diseases was in Dundee, equal to 25.32 per cent.; Glasgow following with 22.92; Greenock with 21.73; Paisley with 20.53; Aberdeen with 19.74;

TABLE XI.—Percentage of Deaths from different Diseases to the Population in each of Eight of the Principal Towns of Scotland during the Year 1888, allowing for the Causes not specified.

DISEASES CAUSING DRATH.	Total Eight Towns.	Glasgow.	Edinburgh.	Dundee.	Aberdeen.	Greenock.	Leith.	Palaley.	Perth.
TOTAL DEATHS  Zymotic Constitutional Developmental Nerrous System Organs of Circulation Respiratory Organs Organs of Digestion Urinary Organs Violent Deaths	1-988 0-242 0-376 0-146 0-244 0-167 0-434 0-136 0-049 0-069	2·219 0·293 0·422 0·140 0·272 0·154 0·509 0·155 0·052 0·080	1.803 0.173 0.361 0.148 0.214 0.191 0.353 0.353 0.057 0.066	1·841 0·178 0·337 0·146 0·224 0·149 0·466 0·115 0·032 0·070	1·826 0·163 0·326 0·185 0·251 0·210 0·340 0·129 0·061 0·056	0.206 0.307 0.119 0.222 0.120 0.347 0.086 0.022 0.057	1·581 0·196 0·359 0·097 0·166 0·175 0·296 0·093 0·045 0·049	9:581 0:572 0:369 0:208 0:288 0:177 0:530 0:171 0:050 0:062	1.814 0.186 0.388 0.155 0.261 0.186 0.351 0.134 0.065
Sinall-pox Measles Scarlet Fever Hooping-cough Diphtherla All Fevers, viz., Typhus Enteric Relapsing Cerebto-Spinal Cerebto-Spinal Simple or Ill-defined Simple foliera Diarrhosa and Dysentery Cancer Phthists Dev. Dis. of Children Ago Apoplexy Paralysis Convulsions Croup Bronchitis Pneumonia Dentition All Liver Diseases Dropyy	0-000 0-046 0-021 0-051 0-026 0-019 0-004 0-004 0-001 0-001 0-001 0-001 0-063	0-000 0-041 0-031 0-053 0-052 0-020 0-004 0-014 0-000 0-002 0-002 0-045 0-053 0-244 0-073 0-066 0-053 0-244 0-073 0-065 0-057 0-054 0-073 0-061 0-073	0-000 0-039 0-007 0-027 0-027 0-014 0-000 0-001 0-000 0-001 0-000 0-014 0-004 0-015 0-015 0-013 0-014 0-015 0-014 0-014 0-028	0.000 0.013 0.021 0.011 0.016 0.015 0.004 0.011 0.000 0.000 0.000 0.061 0.016 0.077 0.075 0.075 0.011 0.011 0.011 0.011 0.011 0.011	0-000 0-001 0-005 0-058 0-007 0-013 0-002 0-011 0-000 0-000 0-000 0-048 0-071 0-058 0-058 0-058 0-059	0-000 0-056 0-018 0-020 0-035 0-022 0-010 0-012 0-000 0-000 0-000 0-005 0-061 0-057 0-061 0-057 0-013 0-013 0-17 0-013 0-17 0-013 0-17 0-018	0.000 0.055 0.011 0.037 0.018 0.029 0.003 0.017 0.000 0.000 0.003 0.007 0.000 0.003	0.000 0.293 0.018 0.057 0.036 0.016 0.037 0.000 0.000 0.000 0.000 0.002 0.002 0.002 0.002 0.004 0.005	0-000 0-003 0-063 0-065 0-025 0-022 0-000 0-000 0-000 0-000 0-005 0-056 0-056 0-057 0-057 0-072 0-072 0-072 0-072 0-072 0-074

Edinburgh with 19.58; Perth with 19.35; and Leith with 18.75. deaths, 2890 were attributed to Bronchitis, the proportion to the whole mortality being 11.12 per cent., and to the population 22.1 per ten thousand; the highest rates from this disease occurring in Glasgow, Dundee, Aberdeen, and Paisley. Pneumonia caused 1884 deaths; Croup 233; and Pleurisy 119.

From diseases of the Organs of Digestion there resulted 1776 deaths, being 6.83 per cent. of the whole, or 13.6 per ten thousand of the population. Enteritis was stated to have caused 262 deaths; Peritonitis, 290; Dentition, 234; and Liver Disease, 320.

To diseases of the Urinary Organs were ascribed 646 deaths, or 2.49 per cent of the whole, and 4.9 for every ten thousand of the population. Acute Nephritis caused 143 deaths, and Brights Disease 250.

To Premature Birth were attributed 774 deaths; to Congenital Malformations, 131; and to Old Age, 1008.

Atrophy and Debility proved fatal in 859 cases, and Dropsy in 57; while in 234 cases the cause of death was ill defined, or else not stated.

The deaths from Violence amounted to 902, constituting 3.47 per cent. of the whole, or 6.9 per ten thousand of the inhabitants. Of these 849 were accidental, 6 homicidal, and 47 suicidal, 79 deaths were attributed to Intemperance.

TABLE XII.—Percentage of Deaths from different Diseases to the Total Deaths in each of Eight of the Principal Towns of Scotland during the Year 1888, allowing for the Causes of Death not specified.

DISEASES CAUSING DEATE.	Total Eight Towns.	Glagow.	Edinburgh.	Dundee.	Aberdeen.	Greenock.	Leith.	Paialey.	Porth.
Zymotic Constitutional Developmental Nervous System Organs of Circulation Respiratory Organs Organs of Digestion Urinary Organs Violent Deaths	12·18 18·90 7·36 12·25 8·40 21·85 6·88 2·49 3·47	18-20 19-01 6-29 12-24 6-94 22-92 6-97 2-38 3-58	9.55 20.05 8.28 11.85 10.61 19.58 7.39 3.15 3.64	9·38 18·28 7·92 12·15 8·09 25·32 6·23 1·76 3·88	8-90 17-85 10-15 13-75 11-49 19-74 7-06 8-37 8-04	12:91 19:20 7:43 13:89 7:52 21:73 5:39 1:39 8:59	12:41 22:69 6:16 10:53 11:04 18:75 5:91 2:83 3:08	22·17 14·29 8·06 10·96 6·86 20·53 6·61 1·95 2·39	10-27 18-66 8-56 14-38 10-27 19-35 7-36 3-60 8-08
Small-pox Measles Scarlet Fever Hooping-cough Diphtheria All Fevers, viz. Typhus Enteric Relapsing Cerebro-Spinal Simple or Ill-defined Simple Cholera Distribus and Dysentery Cancer Phthisis Dev. Dis. of Children Age Apoplexy Paralysis Convulsions Croup Bronchitis Pneumonia Dentition All Liver Diseases	0-00 2-32 1-08 2-57 1-32 0-21 0-72 0-00 0-00 0-00 2-16 3-18 10-43 3-8 3-88 2-86 1-75 0-90 11-12 0-90 11-12 0-90	0-00 1:96 1:45 8:78 1:45 0-89 0-16 0-63 0-01 0-09 0-08 2:40 10-98 2:49 2:49 2:59 2:42 1:87 1:87 1:29	0°00 2°14 0°38 1°48 1°48 0°11 0°63 0°00 0°02 0°04 0°00 1°55 5°02 9°99 3°54 4°70 2°48 1°48 9°59 6°24 0°78 1°31	0.00 0.71 1.22 0.61 0.88 0.81 0.20 0.61 0.00 0.00 0.00 0.00 0.00 0.00 0.32 8.32 8.32 11.24 8.79 8.068 1.69 9.68 1.69 9.68 1.69 1.69 1.69 1.69 1.69 1.69 1.69 1.69	0.00 0.05 0.28 3.18 0.37 0.74 0.14 0.60 0.00 0.00 0.00 0.00 0.00 0.00 0.0	0.00 8.51 1.14 1.22 2.21 1.39 0.65 0.74 0.00 0.00 0.00 0.221 3.19 10.54 3.84 3.84 3.84 3.84 3.84 3.84 3.84 3.8	0-00 8-51 0-68 2-31 1-11 2-28 0-17 1-11 0-00 0-00 0-154 3-77 10-53 2-91 2-91 2-91 2-91 2-91 3-92 3-92 3-92 3-92 3-92 3-92 3-92 3-92	0-00 11:34 0-69 2:20 1:45 2:20 0-63 1:45 0-00 0-10 0-06 1:63 8-75 2:08 8-78 2:08 8-78 2:08 1:57 10:77 10:77 10:77	0.00 0.17 3.25 0.84 1.37 0.17 1.20 0.00 0.00 0.17 1.37 2.74 2.74 2.74 2.74 2.74 2.74 2.74 2.7

14 men and 64 women were aged 90 years and above; the eldest (a male and a female) had each reached the age of 98 years.

#### MARRIAGES IN EIGHT TOWNS.

In 1888 there was 10782 Marriages recorded, being at the rate of 82 for every ten thousand of the estimated population. In Glasgow 92 Marriages occurred for every ten thousand of the population; in Edinburgh, 82; in Paisley, 78; in Aberdeen, 77; in Leith, 75; in Dundee, 70; in Perth, 68; and in Greenock, 61.

### WEATHER AND ITS INFLUENCE ON MORTALITY.

The following remarks on the Weather of the year are extracted from the Notes of the Astronomer-Royal, which appear in the Registrar-General's Quarterly Reports:—

January enjoyed the characteristics of a mild, dry winter month. The mean barometric height had not been so great since 1882, and the monthly range was under the average. The direction of the wind was normal or W.S.W., and its force on the square foot less by one-fourth.

The general characteristics of February were a high and rather steadily high barometric pressure; much north-easterly direction of the wind, but with no great force; extremely low temperature, and very little rain-fall.

March was remarkable generally for low barometric pressure, large barometric monthly range, very low mean temperature, large rain-fall (if correctly interpreted out of the depth and height of snow-fall and snow-drift), and an unusually large proportion of easterly direction in the wind.

Table XIII.—Monthly Mortality and Mean Temperature in Scotland during 1888, compared with the Mean of the Ten Years 1871-1880.

	Y	EAR 1	.888.	1871-	1880.
Months.	Mean Temperature.	Actual Deaths.	Proportion to 12,000 per annum or 1000 per month.	Monthly Proportion of Deaths.	Mean Temperature
January February March April May June July August September October November December	 38°·5 35°·3 35°·7 42°·1 48°·3 52°·0 53°·7 54°·5 51°·7 46°·8 42°·9 40°·5	7,253 6,530 7,041 6,395 6,036 6,17 5,146 5,047 4,726 5,898 5,532 5,940	1,223 1,101 1,187 1,078 1,018 947 868 851 797 995 983 1,002	1,154 1,061 1,138 1,064 1,040 939 921 893 834 885 949 1,122	37°·5 38°·6 40°·2 44°·2 48°·4 54°·7 57°·8 57°·3 52°·6 46°·5 40°·2 87°·0
YEAR .	45°-2	71,161	12,000	12,000	46°-2

The weather in April was of a nearly average and ordinary kind for the month, and if in the matter of mean temperature it was so much as 1°8 below the average, that is so much less than (or about half) the defect in that direction of the previous month of March to its predecessors, this April was felt as a great relief after a very severe and long continued winter.

In May the mean barometric pressure was close to the average, accompanied, however, by greatly increased monthly range thereof, indicative of the several squally periods which characterised the weather of the month, the pressure of the wind being also above the average, and its direction rather oftener from south and west than usual.

June was quite phenomenal beyond all precedent for its large amount of east wind, and the coldness of it. For the quantity or prevalence of that direction of the wind no June of any former year came nearer than 13 to the past June's 17; and for its coldness no year's June since 1862 came at all near it; while even 1862 was not so low by 0°.7.

The characteristics of July were low barometric pressure, distressingly low mean temperature, lamentable excess of humidity, small daily range of temperature, indicating very little sunshine and overpowering rain, both in the number of its days of falling and the depth of rain fallen; while the direction of the wind was to a most abnormal extent for the season from the east.

TABLE XIV.—Meteorology of Scotland for 1888, deduced from Observations made at 55 Stations of the Meteorological Society of Scotland, the particulars for each of the Stations having been published in the Quarterly Reports of the Registrar-General; also the Number of Births, Deaths, and Marriages registered during each Month of the Year 1888.

1888.	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Year.
Highest Temp. in shade Lowest Temp. in do. Mean Day Temp. Mean Night Temp. Dally Range	59°·7 12°·0 43°·2 33°·8 9°·4	58°·8 -6°°0 40°·3 80°·2 10°·2	2°·4 41°·4 80°·2	64°-5 17°-0 49°-0 85°-2 18°-8	25°-0 56°-5 40°-1			81°0 61°8 47°2	75°·0 26°·0 59°·8 48°·5 16°·3	68°·4 28°·4 52°·9 40°·8 12°·1	60°·6 21°·0 47°·4 88°·4	15°0 45°8 85°6	-6°∙0 51°∙6
Mean Temperature .	38°-5		85°·7		48°-8	520.0		54°-5	51°-7	46*8	42*-9	' '	1
Highest Temp. in sun Lowest on grass at	100•0	116*-4	116*0	129*-0	188*-0	141*0	128°-5	140°0	187°-0	116**0	105*-0	89*-0	141*-0
night	8.0	-3°∙0	-4*∙0	12**0	15°-5	19*-5	24°-5	18*•0	19°-5	18°∙0	18**0	1°.8	<b>-4°</b> 0
Wet-bulb Temperature Dew-point Temp. Humidity of Air Elastic force of Vapour	87°-2 85°-8 88	88°-6 81°-1 85	83°-9 81°-4 85	89°·5 36°·2 80	45°·3 41°·8 78	48°-6 45°-8 79		51°-6 49°-1 88	48°-8 46°-5 85	44*·6 42*·4 86	40°·7 88°·2 84	39°·1 87°·2 88	42*·8 40*·8 84
(inches)	-207	·175	·178	.214	•266	-308	'841	·349	·817	.272	·281	-222	· <b>2</b> 56
Number of Rainy Days Amount of Rain (inch)	14 2.97	13 1·61	17 8·89	15 2·14	13 2·84	11 2·54	19 4·69	18 2-66	11 1·84	16 2-91	21 6·23	17 8·88	185 36·65
Amount of Cloud Hours of Sunshine .	6·8 55	6·4 81	6·7 99	6·7 138	6·1 188	5-9 218	7·4 126	6·8 150	5·8 145	67 86	7·5 85	6·7 47	6·6 1363
Mean Barometer (inch)	80-096	80-042	29-645	29.878	29-928	29-971	29.741	29.888	80-127	29.925	29-665	29.782	29-890
Easterly Winds (days) Westerly Winds (days)	6 17	10 12	15 8	11 11	9 15	18 6	15 9	7 16	7 14	4 19	13 13	. 16	121 156
Births	10,331 7,258 8,122	9,726 6,580 1,408	10,424 7,041 1,417	10,428 6,895 1,988	10,961 6,036 974	10,699 5,617 8,406	10,434 5,146 2,819	5,047	9,411 4,726 1,610	10,865 5,899 1,781	9,614 5,582 2,062	10,148 5,940 8,886	71,162
Daily Births Daily Deaths	388 284	885 225	836 227	348 213	854 195	857 187	887 166	329 163	814 158	350 190	.820 184	327 192	887 194

The chief characteristics of the Meteorology of August were large barometric range, low mean temperature, and small rain-fall. In other par-

ticulars the month was nearly normal.

The most remarkable features of the Meteorology of September were the very high barometric pressure and small fluctuations thereof, a rain-fall less than one-third of the average, and, as was to be expected from the small barometric range, a pressure of wind little more than half the normal amount, while the mean temperature was below the average, but only to the extent of 1°.

The chief characteristics of the Meteorology of October were high barometric pressure, with small barometric range, a mean temperature greater than the average, and a rain-fall rather less than half the average amount.

November was a wet and windy month, with high mean temperature, low barometric pressure, and a remarkably small barometric range, the latter being less than that of any November since 1876 while the direction of the wind was easterly more frequently than usual, especially in the first half of the month.

The weather of December was mild and calm, and on the whole dry, with nearly an average barometric pressure, and a barometric range smaller than usual for this month.

A comparison, by means of Table XIII. may be made between each month of 1888 and those of the decennial period between 1871 and 1880, as regards the average mean temperature and proportionate mortality. From this Table it appears that the mean temperatures of January, November, and December were above those of the same months for the decennial period, the months of February, March, April, June, July, August, and September being below, and May and October nearly the same. The greatest

Table XV.—Showing the connection between certain Atmospheric Phenomena, especially Temperature, and the Deaths from certain Diseases and Classes of Disease, in Eight of the Principal Towns of Scotland, during each Month of the Year 1888.

1888.	Jan.	Feb.	Mar.	April	Мау	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
Mean Temperature Highest Temperature Lowest Temperature Rainfall in inches Easterly Winds (days)	\$9°·0 56°·4 17°·0 2·69	86°-9 58°-0 10°-8 1.14	86°-6 65°-8 9°-5 8-51 16	43°·1 60°·8 24°·5 1·75	49°-2 76°-8 30°-1 2-82 10	52°-5 80°-6 80°-0 2-57 21	84°-7 76°-6 86°-4 5-20 17	56°-0 78°-2 35°-5 2-31	52°-5 70°-6 34°-4 1·09 10	48°-0 64°-0 26°-8 1-84	43°-6 60°-2 26°-5 5-78 15	41°-8 57°-8 19°-5 3-02 11
Westerly Winds (days)	18	14	10	12	iš	- ŝ	79	18	18	21	12	15
Total Deaths	2707 87	2888 82	<b>9534</b> 81	9808 77	<b>227</b> 0 78	2002 67	1859 60	1827 59	1736 58	2240 72	2048 68	2940 72
Miasmatic Diseases Small-pox	280	224	226	182	160	148	98	101	125	195	240	187
Measles Scarlet Fever Hooping-Cough Diphtheria	78 25 114 82	40 22 107 40	45 97 95 84	81 15 83 95	47 21 63 17	47 21 42 12	26 10 25 20	21 19 22 17	21 20 25	79 22 35 88	104 89 29 87	58 84 83 46
All Fevera	28	18	28	97	12	19	17	22	23	21	81	90
Simple Cholera Diarrhesa and Dysentery .	84	25	1 16	34	36	84	54	1 86	9 89	86	44	1 33
Phthisis Croup	248 81	288 26	251 22	255 10	2 <b>69</b> 15	228 14	2 <b>3</b> 0 11	199 10	188 14	198 21	<b>220</b> 80	206 29
Diseases, Respiratory Organs Heart, etc., Diseases Brain, etc., Diseases Premature Births	718 209 325 62	598 210 248 65	662 190 318 67	557 191 298 58	462 173 306 75	365 190 251 63	819 194 228 82	281 157 284 62	318 147 195 50	.486 187 267 66	430 136 242 59	488 199 278 65
Age	108	96	108	85	81	90	74	78	63	89	63	85

proportionate mortality occurred during the coldest months, viz., January, February, and March, and the least during August and September. Further information as to the Meteorology of Scotland, deduced from observations at 55 Stations of the Meteorological Society, is given in Table XIV.

In Table XV. will be found a statement of the principal meteorological phenomena during each month in Eight of the Principal Towns in connection with deaths from certain diseases, and also the daily deaths. The daily deaths were most numerous in January, and became gradually less, month by month, until the lowest number was reached in September, after which there was an increase till the close of the year.

Table XVI.—Deaths, Temperature and Fall of Rain in Eight of the Principal Towns of Scotland during each Week of the Year 1888; also the Proportion of Deaths to every Thousand of the Population.

Week.	Week end	ling	DEATHS.	Prop. to very 1000 of Population.	TE	MPERAT	URE.	RAIN,	No. Week.	Week ending	DEATHS.	Prop. to vvery 1000 of Population.	TEN	HPERAT	URE.	RAIN
of W	W COR ON	ang	DEATHS	Prop. to every 1000 Population	Mean.	Highest.	Lowest,	inches	of W	week ending	DERTIE	Prop. every 10 Popula	Mean.	Highest.	Lowest.	inches
					9	0	0						0	0	0	
1	January	7	685	27.1	39.3	55.6	21.0	1.10	27	July 7	410	16.2	51.7	67.9	37.9	1.38
2		14	607	24.0	42.0	57.0	17.0	0.05	28	14	406	16.1	55.3	71.9	38.0	0.62
3		21	588	23.3	35.7	50.0	22.1	0.28	29	21	466	18.4	56.8	76.6	41.0	1.50
4		28	567	22.4	41.9	52.0	25.5	0.79	30	28	387	15.3	56.9	69.5	46.4	1.62
5	February	4	566	22.4	36-9	50.0	20.9	0.48	31	August 4	402	15.9	52-3	68.5	36.4	0.29
6	Service de la Constantina	11	568	22.5	42.4	53.2	23.0	0.12	32	11	395	15.6	56.5	70.3	44.0	0.37
7		18	568	22.5	31.4	46.9	10.0	0.42	33	18	438	17.3	54.5	71.1	351	0.28
8		25	571	22.6	34.3	43.0	23.5	0.24	34	- 25	421	16.7	57.3	73.2	35.3	0.80
9	March	3	592	23.4	35.8	49.0	27.0	0.11	35	September 1	407	16.1	55.9	72.0	40.2	0.84
10		10	611	24.2	42-1	56.2	26.0	1.24	36	. 8	405	16.0	54.4	68.5	36.2	0.26
11		17	531	21.0	31.9	52.0	9.5	0.20	37	15	405	16.0	52.5	70.6	36.5	0.29
12		24	562	22.2	36.1	52.7	11.5	0.62	38	22	436	17.3	54.0	70.7	39.0	0.03
13		31	599	23.7	35.7	51.8	17.6	1.00	39	29	444	17.6	50.0	68.9	86.8	0.13
14	April	7	551	21.8	39.3	55.2	28.0	0.07	40	October 6	429	17.0	41.9	57.4	26.0	0.40
15		14	526	20.8	43.6	60.1	24.5	0.31	41	13	516	20.4	47.8	61.0	31.9	0.14
16		21	535	21.2	46.0	60.3	31.0	0.85	42	20	517	20.4	48.1	60.0	29.0	0.05
17		28	530	21.0	42.4	60.8	27.9	0.30	43	27	500	19.8	51.9	64.1	38.0	0.67
18	May	5	493	19.5	46.5	59.0	35.4	0.75	44	November 3	473	18.7	47.9	62.0	30.0	1.05
19		12	534	21.1	48.7	69.5	30.5	0.09	45	10	484	19.1	43.8	50.7	37.5	0.19
20		19	488	19-3	50-1	76-8	36.0	0.86	46	17	484	19.1	46.3	61.0	34.3	1.69
21		26	529	20-9	52.1	72.9	36.8	0.01	47	24	449	17.8	44.9	58.2	32.0	2.02
	June	2	489	19.3	47.0	62.2	30.1	1.63	48	December 1	483	19.1	39.6	56.0	26.5	1.19
23		9	468	18-5	47.5	67.5	30.0	1.01	49	8	487	19-3	48.5	57.8	32.4	1.32
24		16	505	20.0	53.5	69.9	39.0	0.51	50	15	488	19.3	38.1	48.1	25.5	0.27
25		23	466	18.4	54.6	75.3	38.0	0.01	51	22	507	20.1	42.4	53.4	28.0	0.45
	July	80	461	18-2	56.5	80.6	38.0	0.30	52	29	512	20:3	38.3	48.5	25.0	0.64

Table XVII.—Monthly Deaths at Four Periods of Life in Eight of the Principal Towns of Scotland during the Year 1888, and Proportion at each Age in every Hundred Deaths per Month.

Монтив.	Ac	tual Nu	mber of I	Deaths in	1888.	Proport		sch Age i ths per M	n every F	lundred
	0-5 Years.	<b>5-2</b> 0	20-60	60 and above.	Total Deaths.	0-5 Years.	5-20	20-60	60 and above.	Total.
January February March April May June July August September October November December	1,028 888 933 849 836 690 656 714 637 950 850 895	204 222 244 217 242 208 212 165 150 179 198 190	838 765 814 739 703 656 615 592 586 668 629	637 508 533 498 489 448 376 356 863 443 366 464	2,707 2,383 2,524 2,303 2,270 2,002 1,889 1,827 1,786 2,240 2,043 2,240	38-0 87-3 36-9 36-9 36-8 34-5 35-3 39-1 36-7 42-4 41-6 40-0	7·5 9·3 9·7 9·4 10·7 10·8 11·4 9·0 8·6 8·0 9·7 8·5	31·0 32·1 82·8 32·1 81·0 82·8 33·1 32·4 83·8 30·8	28·5 21·8 21·1 21·6 21·5 22·4 20·2 19·5 20·9 19·8 17·9 20·7	100 100 100 100 100 100 100 100 100 100
YEAR	9,926	2,481	8,296	5,481	26,134	88.0	9-8	317	21.0	100

The number of deaths from Measles was lowest during August, when 21 were recorded. An increase occurred each month until November, when there were 104 deaths, but in December the number had fallen to 53.

The largest number of deaths from Scarlatina occurred in November, when 39 were registered, the smallest during July, the number for that month being 10. The mortality from Hooping Cough was greatest in January (114), falling each month until September, when 20 deaths were recorded. Diphtheria shows a greater mortality this year than during 1887; it was most fatal at the beginning and end of the year. Deaths from Fevers varied considerably during the year, the highest number was 31 in November. Diarrheal affections were most prevalent in August, September, and October.

Deaths from Phthisis were most numerous in March, April, and May, and least so in August, September, and October. The months in which most deaths resulted from Croup were January, November, and December.

The effects of low temperature on diseases of the Respiratory Organs, especially Bronchitis, and Pneumonia, is again observable. In January, February, and March, the only three months in which the mean temperature was below 40°, we find the greatest number of deaths from these diseases occurred; while in August, when the highest mean temperature was reached, the number of these deaths was least. Diseases of the Respiratory Organs constituted 26.5 per cent. of all deaths in January, but only 15.4 per cent. of all in August.

Diseases of the Heart and Blood-vessels proved most fatal during the colder months, and the same remark also applies to diseases of the Brain,

and in the case of old people.

Tables XVII. and XVIII. show the relative monthly mortality divided into four classes according to age in the before mentioned Principal Towns.

Children under five years of age died in largest proportion in January,

and smallest in July and September.

The greatest proportion of deaths of persons between five and twenty years of age occurred in March and May, and the least in August and September.

Table XVIII.—Months equalised to 31 Days, and Deaths at each Age corrected thereto, in order to show the relative Mortality at each Age in Eight of the Principal Towns during each Month of the Year 1888.

M	ONTHS						Monthly Deaths proportioned to 1000 per month			
	/81116				0-5 Years.	5-20	20-60	60 and above.	Total.	or 12,000 per annum.
January February March April May June July August September October November December					1,028 949 923 877 836 713 656 714 658 950 878 895	204 237 244 224 224 215 212 165 155 179 208	838 818 814 764 703 678 615 592 606 668 650 691	587 543 538 515 489 463 376 856 875 443 878	2,707 2,544 2,524 2,880 2,270 2,069 1,859 1,827 1,794 2,240	1,222 1,150 1,140 1,075 1,079 934 839 826 810 1,011
	YEAR			•	10,087	2,472	8,437	5,572	26,568	12,000

Among persons between twenty and sixty years of age the greatest mortality occurred in January, gradually diminishing, till the minimum was reached in August, there being an increase towards the end of the year.

Deaths among the Aged,—persons of sixty years and upwards were most numerous in January, declining each month till August, after which

the numbers again increased till the close of the year.

The deaths among the inhabitants of the eight towns during the year were most frequent during January, and less so in the other months in the following order:—February, March, April, May, October and December the same, November, June, July, August, and September.

# TWENTY-FOURTH ANNUAL REPORT

ON THE

# VACCINATION OF CHILDREN

BORN IN SCOTLAND DURING 1887.

From the Vaccination returns for the year 1887 it appears that of the 124,467 children born in Scotland, 107,077, or 86.028 per cent. were successfully vaccinated. In 2465 cases, or 1.980 per cent. of the births, the

TABLE XIX.—Vaccinations in Scotland, 1877-1887, and Proportion to the Births each Year.

$\Box$				Insuscep	tible of Vac	cination.		fore un-	
Years.		Success- fully Vacci- nated.	Vaccina- tion Post- poned.	From Constitu- tional Insuscep- tibility.	From having had Small-pox.	From previous Vaccination.	Died before Vaccina- tion.	Removed from District before Vacchation, or otherwise unaccounted for.	Total Births.
1877 1878 1879 1880 1881 1882 1883 1884 1885 1886	Numbers . Numbers . Numbers . Numbers . Numbers . Numbers . Numbers . Numbers . Numbers . Numbers .	112,229 111,694 111,469 109,381 111,008 110,263 108,906 112,122 109,866 110,864	1,304 1,196 1,290 1,404 1,586 1,713 1,884 1,964 2,073 2,825	180 190 180 155 150 192 194 242 225 201	4 3 3 0 0 4 2 0 0	480 406 849 859 852 280 865 265 228 241	10,374 10,905 9,999 11,016 10,587 11,078 10,718 11,694 10,872 11,282	2,329 2,460 2,492 2,859 2,594 2,637 2,452 2,836 2,888 8,055	126,900 126,854 125,782 124,674 126,277 126,162 124,516 129,128 126,152 127,968
10 Years.	Average .	110,780	1,674	191	2	882	10,852	2,610	196,441
1887	Numbers .	107,077	2,465	286	0	878	11,269	8,047	124,467
1877 1878 1879 1880 1881 1882 1888 1884 1885 1886	Percentage Percentage Percentage Percentage Percentage Percentage Percentage Percentage Percentage Percentage	88·438 88·049 88·621 87·734 87·908 87·389 87·463 86·834 87·090 86·634	1·028 0·943 1·026 1·126 1·256 1·358 1·513 1·521 1·643 1·817	0·141 0·150 0·143 0·194 0·119 0·152 0·156 0·187 0·179 0·157	0.003 0.003 0.008 0.000 0.000 0.003 0.002 0.002 0.000 0.000	0·378 0·320 0·277 0·288 0·279 0·222 0·293 0·205 0·181 0·189	8·175 8·596 7·949 8·836 8·834 8·776 8·603 9·057 8·618 8·816	1.835 1.939 1.981 1.892 2.054 2.090 1.970 2.195 2.289 2.387	100-000 100-000 100-000 100-000 100-000 100-000 100-000 100-000
10 Years.	Percentage	87:617	1.323	0-151	0.001	0-268	8.581	2-068	100-000
1887	Percentage	86.028	1-980	0-190	0-000	0-800	9-054	2-448	100-000

performance of the operation was postponed on medical authority; 236 children, or 0·190 per cent. of the whole were found to be insusceptible of vaccination from some constitutional peculiarity; and 373, or 0·300 per cent., were insusceptible in respect of having been previously successfully vaccinated, although not by persons qualified to give a certificate to that effect. No cases in which children were insusceptible in consequence of having had Small-pox occurred. 11,269, or 9·054 per cent., of the children born died before vaccination; and 3047 children, or 2·448 per cent., of all births, were removed from the districts in which they had been born, or were otherwise unaccounted for. The proportion of cases successfully vaccinated is 1·589 per cent. below the average for the last ten years, and the proportion of postponed cases 0·657 per cent. above the average for the same period.

In Table XX. is given the proportion of the vaccinated to the children living at the age of six months, the particulars relating to the children that died unvaccinated being omitted. It will be observed from this Table that of 113,198 children who were living at the age of six months, 107,077, or 94.593 were successfully vaccinated. In 2465 cases, or in 2.178 per cent., vaccination was postponed. In 236 cases, or 0.208 per cent. the, children were stated to be constitutionally insusceptible; and 373 children, or 0.329 per cent., were insusceptible in consequence of having previously been successfully vaccinated; while none were insusceptible from having

Table XX.—Vaccinations in Scotland, 1877-1887, deducting from the Births those who died before they could be Vaccinated, and giving the Proportion of the Vaccinated to the surviving Births of each year.

				Insusce	optible of Vac	cination.	Removed	
Years.		Successfully Vaccinated.	Vaccination Postponed.	From Constitu- tional Insuscep- tibility.	From having had Small-pox.	From Previous Vaccination.	from District before Vacci- nation, or otherwise un- ccounted for.	Total Living,
1877	Numbers .	112,229	1,304	180	4	480	2.329	116.526
1878	Numbers .	111,694	1.196	190	l ā	406	2,460	115,949
1879	Numbers .	111,469	1,290	180	3	849	2,492	115,788
1880	Numbers .	109,381	1,404	155	Ŏ	859	2,859	113,648
1881	Numbers .	111,008	1,586	150	Ó	352	2,594	115,690
1882	Numbers .	110,263	1,718	192	4	280	2,637	115,089
1888	Numbers .	108,906	1,884	194	2	365	2,452	113,803
1884	Numbers .	112,122	1,964	242	0	265	2.886	117,429
1885	Numbers .	109,866	2,073	225	0	228	2,888	115,280
1886	Numbers .	110,864	2,825	201	0	241	3,055	116,686
10 Years.	Average .	110,780	1,674	191	2	882	2,610	115,589
1887	Numbers .	107,077	2,465	236	0	<b>3</b> 73	8,047	113,198
1877	Percentage	96:312	1.119	0.154	0.003	0:411	1.999	100.000
1878	Percentage	96.380	1.031	0.164	0.003	0.850	2.122	100-000
1879	Percentage	96-274	1.114	0.156	0.003	0.301	2.152	100.000
1880	Percentage	96:237	1.235	0.136	0.000	0.816	2.076	100.000
1881	Percentage	95.958	1.371	0.180	0.000	0.304	2-242	100.000
1882	Percentage	95-807	1.488	0.167	0.004	0.248	2-291	100.000
1888	Percentage	95-697	1.655	0.170	0.003	0 321	2-155	100-000
1884	Percentage	95.481	1.672	0.206	0.000	0.226	2:415	100.000
1885	Percentage	95.804	1.799	0.195	0.000	0.197	2.505	100.000
1886	Percentage	95:011	1.998	0.172	0-000	0.206	2.618	100-000
10 Years.	Percentage	96-841	1-448	0.162	0.003	0.287	2:257	100.000
1887	Percentage	94-598	2·178	0.508	0.000	0.829	2-692	100.000

TABLE XXI. - Deaths from Small-pox in Scotland, 1855-1888.

YEARS.	Small-pox Deaths.	YEARS.	Small-pox Deaths.
1855	1,309	1872	2,446
1856	1,306	1873	1,126
1857	845	1874	1.246
1858	832	1875	76
1859	682	1876	89
1860	1.495	1877	38
1861	766	1878	4
1862	426	1879	8
1863	1.646	1880	10
1864	1,741	1881	19
1865	383	1882	3
1866	200	1883	11
1867	100	1884	14
1868	15	1885	89
1869	64	1886	24
1870	114	1887	8*
1871	1,442	1888	_•

\* For 1887 the Small-pox Deaths are estimated from the ascertained Small-pox Deaths in Eight of the Principal Towns, as compared with the Total Small-pox Deaths in all Scotland during the Twenty Years 1855–1874, but for the year 1888 no reliable estimate can be formed, as no deaths from Small-pox occurred in the Principal Towns.

Table XXII.—Small-pox Deaths in Eight of the Principal Towns of Scotland at different Ages in 1888, also during the Ten Years 1865-1874, compared with those of the Ten Years 1865-1864, in the same Towns before the Vaccination Act came into operation.

	Small-pox	DEATHS, 1888.		DEATHS, 1-1874.		DEATES, -1864.
AGES.	Number.	Percentage at each age.	Number.	Percentage at each age.	Number.	Percentage at each age.
0-5 5-20 20-60 60 and above	- - - -		1039 1059 1519 40	28:41 28:96 41:54 1:09	4062 660 687 6	75:03 12:19 12:67 0:11
Total	-		3657	100.00	5415	100:00

had Small-pox. In the case of 3047 children, or 2.692 per cent., no record of vaccination was obtained, in consequence of removal from the district or other unexplained cause.

#### Reported by

STAIR AGNEW, Registrar-General.

Office of the Registrar-General, 21st February 1889.

# I.—BIRTHS REGISTERED IN SCOTLAND DURING EACH MONTH OF THE YEAR 1888.

1		Revised Popula- tion at	_								BIR	THS						
		date of Census 1881.	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total Births,	Males.	Fem.	Tota Ilegi Birsh
ŀ	SCOTLAND, .	3,735,573	10331	9726	10424	10428	10961	10699	10434	10192	9411	10863	9611	10145	123225	63156	60069	999
	GROUPS OF DISTRICTS.																	
1	PRINCIPAL TOWN DISTS.	1,409,260	4260	4049	4209	4369	4587	4387	4290	4101	3723	4545	4059	4002	50581	26087	24494	893
2	LARGE TOWN,	404,302													14997	7730	7267	100
3	SMALL TOWN,	784,654	2258	1997	2284	2176	2300	2300	2210	2145	2105	2316	1997	2236	26324	13425	12899	198
4	MAINLAND-RURAL,,	1,006,969	2322	2255	2463	2385	2471	2443	2345	2399	2193	2446	2182	2364	28268	14347	13921	287
5	INSULAR-RURAL, ,,	130,388	263	255	244	220	220	246	292	274	231	275	239	296	3055	1567	1488	19
I	DIVISIONS.																	
1	NORTHERN, .	123,984	250	206	220	24.1		243	272	246	236	289	219	292	2923	1516	1407	22
2	NORTH-WESTERN,	165,856		1000		317	002	334	372	1				369	4135	2135	2000	29
3	NORTH-EASTERN,	418,250		100	1						1		1		13338	6918	6420	184
4	EAST-MIDLAND,	602,421		100	1 - 1					100				1427	17745	9015	8780	149
5	WEST-MIDLAND, .	283,460			100	768	-	772	762		672	1000		843	9203	4604	4599	55
6	SOUTH-WESTERN, .	1,385,447		1							1000	4494	4005	4117	51918	26619	25299	839
7	SOUTH-EASTERN,	546,658	1	)	1	100					1	1633	1464	1496	18172	9371	8801	141
8	SOUTHERN,	209,497	451	435	496	486	557	517	483	464	473	516	446	467	5791	2978	2813	76:
	I. NORTHERN.																	
1	Shetland,	29,705	56	44	52	52	54	63	72	58	65	72	48	75	711	378	338	2
2 3 4	Orkney, Caithness, Sutherland,	32,044 39,859 22,376		64 67 31	54 85 29	51 78 38	51 95 31	54 82 44	64 94 42	53 91 44	41 87 43	61 107 49	47 77 47	72 93 52	661 1055 496	349 552 237	812 503 259	13:
5 6	II. NORTH-WESTERN. Ross and Cromarty, Inverness,	79,467 86,389	174 187	171 185	167 181	139 178	119 182		175 197	157 188	163 175	195 175	177 147	177 192	1965 2170	1032 1103	933 1067	100
	III. NORTH-EASTERN.	50,000	1	200					10.	100	110	110	17,	102	21.0	1100	1007	188
7	Nairn.	8,847	20	16	17	11	22	21	25	15	16	19	17	19	218	106	112	n.
8 9 0 1	Elgin (or Moray), . Banff, Aberdeen, . Kincardine,	45,108 59,783 269,047 35,465	117 155 703	118 157 699 78	106 158 796 89	119 172 761 87	105 180 810 83	108 166 746 88	110 149 725 109	99 147 736 96	106 161 662 90	122 179 709 100	95 141 685 101	107 165 759 84	1312 1930 8791 1087	645 1021 4551 595	667 909 4240 492	200 291 1170 148
	IV. EAST-MIDLAND.																	
2 3 4	Forfar,	268,653 130,282 172,131	275 474	645 225 425	278 481	656 272 440	712 269 477	726 286 501	640 258 495	682 262 488	622 265 430	752 314 451	637 230 441	642 242 456	8045 3166 5559	4086 1565 2862	3959 1601 2697	812 802 313
6	Kinross, Clackmannan, V. WEST-MIDLAND.	7,330 24,025	13 50	10 52	13 88	64	14 64	12 78	13 74	72	62 62	19 60	69	12 75	172 803	93 409	79 894	23 48
7 8	Stirling,	106,883 78,182	307 254	297 230	334 237	357 233	302 290	317 245	318 251	310 240	283 214	343 258	286 252	366 272	3820 2976	1922 1467	1898 1509	233 145
9	Argyll,	80,761 17,634	169 37	152 28	175 36	153 25	182 33	176 34	164 29	170 41	134 41	191 44	159 29	172 33	1997 410	1019 196	978 214	159 19
	VI. SOUTH-WESTERN.														-			
2 3	Renfrew,	225,611 217,630 942,206	640 654 3136	596 566 3000	613 678 3050	667 632 3198	705 707 3266	672 682 3178	704 596 3128	636 609 8064	559 586 2785	694 591 3209	594 588 2873	634 565 2918	7714 7404 36800	3927 3737 18955	3787 3667 17845	404 554 2434
1	VII. SOUTH-EASTERN.													- 1				
4	Linlithgow,	44,005						180	174	184	176			188	2129	1076	1053	118
6	Edinburgh, Haddington.	388,836 38,510	1067 82	91		110	98	92	112	1011	903 1	89		1073	13010 1084	6776	6234	1020
7	Berwick, .	35,273	89	64	74	45	81	70	84	79	60	85	61	57	849	558 435	526 414	86 87
9	Peebles,	13,688 26,346	31 59	60 60	28 76	37 65	23 62	42 71	31 72	32 56	31 75	24 47	29 46	19 55	356 744	163 363	198 381	83 68
	VIII. SOUTHERN.																	
2	Roxburgh,	52,592 76,167 42,290	180 98	152 83	189 106	180 88	198 122	200	121 181 100	171 85	197 78	178 107	173	131 171 92	1484 2165 1156	777 1127 584	707 1038 572	154 311 147
112	Wigtown,	38,448	59	82	73	93	101	84	81	76		107	80	78	986	490	496	151

II.—DEATHS
REGISTERED IN SCOTLAND DURING EACH MONTH OF THE YEAR 1888.

			Revised Popula- tion at								DEA	THS	11.					
			date of Census 1881.	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total Deaths	Males.	Fem.
Ī	SCOTLAN	D,	3,735,578	7253	6530	7041	6395	6036	5617	5146	5047	4726	5898	5532	5940	71161	34967	36194
	GROUPS OF DISTRIC															111	eco tic.ie	
	RINCIPAL TOWN D	ISTRICTS.	1,409,26	3104	2752	2961	2702	2642	2362	2170	2154	202	262	4 2420	259	80508	15101	15407
	ARGE TOWN		404,30				1	677	1		588	1	1	1			4142	4259
	MALL TOWN	,	784,65					1		1		1		3 112	100	1430	6934	7366
-	MAINLAND-RURAL	,,	1,006,96										6 123	3 115	127	1591	7868	8046
	INSULAR-RURAL	"	130,38					159		1 134	1	4	5 15				925	1116
	DIVISIO	NS.														100	123	
1	NORTHERN, .		123,98	4 18	3 205	205	18	2 14	8 15	5 14	9 15	1 12	0 18	4 12	9 18	9 195	0 89	1054
1	NORTH-WESTERN,		165,85	6 28	4 288	269	22	1 19	6 19	7 17	2 20	8 17	4 19	7 18	2 23	3 261	8 124	1377
3	NORTH-EASTERN,		418,28	0 69	2 655	688	68	7 61	7 57	2 52	9 48	0 47	1 57	4 48	8 57			100000
1	EAST-MIDLAND,		602,42	1119	3 1038	108	1 100	9 85	5 83	8 74	6 71	9 71	7 87	84	7 90	8 1083	2 515	40.00
1	WEST-MIDLAND,		283,46	0 54	4 46	47	5 47	4 44	0 42	8 37	7 40	0 36	30 31	1 40	8 46			1000000
1	SOUTH-WESTERN,		1,385,4	7 283	6 260	292	6 257	3 248	6 229	2 211	5 204	6 19	14 25	30 243	1 258	6 2938	1 1469	
1	SOUTH EASTERN,		546,6	8 116	8 92	2 101	3 92	9 98	2 85	5 79	9 78	61	8	72 78				
1	SOUTHERN, .		209,4	97 85	35	38	4 32	20 36	2 28	30 25	9 26	32 2	32 3	22 29	6 28	39 371	4 177	9 1933
	_	-																
	I. NORTH	ERN.	00.5			0 0	,				20	0.0	47	37	84	50 5	29 21	2 31
	Shetland, Orkney,	1 1	29,7 32,0		45 6 33 4											40 4	32 20	1 23
3	Caithness, Sutherland,		39,8 22,3	59 7	71 6												34 39 35 18	
	II. NORTH-W	ESTERN.															UN	
	Ross and Cromarty, Inverness,	: :	79,4 86,3		48 13 36 15							00				22 12 11 13		65 72
1	III. NORTH-E	EASTERN.															63	80 8
7 8	Nairn, Elgin (or Moray),		8,8 45,1							13 60	9	53	12 46					53 40
9	Banff,	: :	59,	83	81 8	84					79	74	56 321 :				00 4 62 22	20 45 90 23
0	Aberdeen, Kincardine, .		269,0 35,0									43	36		35			77 2
	IV. EAST-M	IDLAND															100	The
2	Forfar,		268,														86 24	
3	Perth,		130,														48 10	28 12 76 15
5	Fife, Kinross,	: :	7,	330	7	11	21	7	10	8	9	4	13	5	5	10	10	54
6	Clackmannan, .		24,	025	47	28	46	39	34	26	28	33	24	17	33	28	188	94 1
	V. WEST-MI	DLAND.	106.	000	199 1	80 1	86	180	169	171	155	146	127	168	149	181 2	11 10	26 9
17 18	Stirling, Dumbarton, .		. 78	182	175 1	23 1	24	148	129	120	115	114	117	114	124	131 1	34 7	54 7
19 20	Argyli,			761 634			23	124 2	114	115	80	106	87 29	86	113			43 7
20	Dute,	WESTERN			0.	00	-				*							17
21	VI. SOUTH-V	NEBIERN.	225	611	442 2	189 4	129	405	369	341	301	334	343	450	484	476 4	763 25	27 24
22			217	630	352 3	345 8	372	274	333	310	324	298	286	357	327	350 4	028 20	000 20
23	Lanark,		. 942	206 2	042 18	372 2	125 1	794 1	784 1	641 1	490 1	414	325	1723 1	620 1	710 20	540 103	364 101
	VII. SOUTH-	EASTERN.		005	110	0.4	7.5	01	7.0	00	00	50	00	07	0.4	00	918	178
$\frac{24}{25}$					112	84	758	721	72 725	614	62 590	59 577	513	648	538			955 38
26	Haddington, .			,510	49	44	56 62	68 42	48	43	50	47	42 33	53 46	50	45		276 3 243 2
$\frac{27}{28}$	Peebles	:	. 13	,273	52 24	47 16	20	10	16	28	17	14	10	12	11	35	185	92
29	Selkirk,			,346	47	26	42	29	41	45	35	40	31	26	24	25		173
	VIII. SOU	THERN.		.592	88	78	86	82	72	64	68	48	57	79	58	61		390
30		:	. 76	,167	141	137	156		153	113	103	124	85	122	110	129 1	494	721
35	2 Kirkcudbright, .		. 4:	,290	69 55	75 65	64 78	65 52	71 66	55 48	48	45 45	51 39	49 72	68	54 45		358 315
33	Wigtown,		. 30	,448	00	00	10	0.2	00	40	XU	10	00	12	UU	70	UUU	WAU

III.—MARRIAGES
REGISTERED IN SCOTLAND DURING EACH MONTH OF THE YEAR 1888.

				vised Lation.			_		_	MAI	RRIA	GES				-	
L			Census 1871	Census 1881	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total.
	SCOTLAND,		8,860,018	8,785,578	3122	1403	1417	1938	974	3406	2819	1463	1610	1781	2062	3336	25,281
	GROUPS OF DISTRICTS.														-		
1	PRINCIPAL TOWN DISTRICT	rs,	1,192,908	1,409,260	1559	674	658	1001	548	1509	1550		788				
2	LARGE TOWN ,,		889,120	404.802	890	160	164	289	101	882	874	749	200		1018		12,824
3	SMALL TOWN "		691,850	784,654	581	269	278	872	148	679	481	182 801	881	195	199	878	2,959
4	MAINLAND-RURAL "		1,004,141	1,006,969	518	243	286	306	161	812	397	217	275	322 262	895 405	680	4,882
5	INSULAR-RURAL ,,		182,004	120,388	79	57	86	20	21	24	17	14	16	28	45	874 58	4,751 415
	DIVISIONS.																
1	NORTHERN,		127,191	123,984	70	41											
2	NORTH-WESTERN, .		166,351	165,856	92	59	81 53	15 32	28 23	41	80	16	28	86	86	91	458
8	NORTH-EASTERN, .		393,199	418,250	218	106	124	126	118	81	36	28	38	44	68	107	655
4	EAST-MIDLAND, .		559,676	602,421	528	171	199	244	148	411	237	168	212	107	167	521	2,570
Б	WEST-MIDLAND, .		251,088	283,460	183	104	97	107	148 42	509	416	198	210	241	807	515	3,656
6	SOUTH-WESTERN, .		1,183,218	1,885,447	1475	639	598	988	396	225 1822	174	93	94	112	121	221	1,578
7	SOUTH-EASTERN, .		475.523	546,658	451	217	228	326	183		1876	619	706	785	958	1248	11,105
8	SOUTHERN,		208,772	209,497	105	66	88	100	41	655	461	301	262	288	316	462	4,145
			200,172	200,401	100	80	••	100	*1	162	89	45	65	63	94	176	1,094
1	I. NORTHERN.		27.000														
2	Orkney	:	81,608 31,274	29,705 82,044	25 18	32 12	8 10	2 7	11	. 4	9	0	6	8	7	28	111
1 2	Caithness, Sutherland,		41,011	39,859	17	6	ii	5	5	15 17	16	9 5	11	10 14	14 12	22 85	141 154
1	•	•	28,298	22,376	10	1	2	1	3	5	8	2	2	14	3	11	47
5	II. NORTH-WESTERN. Ross and Cromarty.																
б	Inverness,	:	82,093 84,258	79,467 <b>86,3</b> 89	50 42	24 35	22 30	14 18	7 16	81	14	:	15	26	28	55	288
	III. NORTH-EASTERN	_	0.,	00,000	**	-	•	10	10	50	22	21	23	18	40	52	867
7	Nairn		8,372	8,847	8	3	2	5	2								
8	Elgin (or Moray), Banff.	•	44,549	45,108	17	6	10	14	15	42	8 25	0 8	24	2 16	6 15	19 51	55 248
10	Aberdeen,	:	58,888 246,298	59,783 269,047	27 153	16 78	10 90	15 82	11 86	42	38	22	84	17	15	88	830
11	Kincardine,	•	85,097	35,465	18	8	12	10	4	293 30	155 19	124	134 16	104 28	114 17	316 47	1,724 218
ı	IV. EAST-MIDLAND.													•	••	*	210
12 13			240,049	268,653	289	85	94	103	98	244	251	94	95	125	103	237	1.813
14	Fife,	:	128,550 160,924	180,282 172,131	74 149	85 44	42 56	40 91	17 83	95	61	38	87	38	68	117	662
15 16	Kinross,	•	7,918	7,830	2	2	1	1	2	143 8	89 5	51 2	63 6	66 3	120	141 8	1,046 42
ľ	•	•	22,235	24,025	14	5	6	9	3	24	10	13	9	9	9	12	123
17	V. WEST-MIDLAND. Stirling		A0 0/-	***													
18	Dumbarton,	:	<b>98,34</b> 5 61,116	106,888 78,182	63 61	41 42	48 82	49 35	12 16	119 66	86 67	37	41	47	55	102	720
19 20	Argyll,		79,661	80,761	82	14	15	15	12	84	17	38 16	81 17	39 19	33 24	67 42	522 257
٢	VL SOUTH-WESTERN	•	16,966	17,684	7	7	2	8	2	6	4	7	5	7	9	10	74
21	Renfrew.	•	105 907	005 417	امما	ا_											
22 28	Ayr.	:	195,305 200,908	225,611 217,630	206 193	97 83	96 97	176 112	51 41	160 195	208 144	124	112	127	131	172	1,660
38			787,005	942,206		459		700			1024	84 411	91 503		137 690		1,453 7,992
9,	VII. SOUTH-EASTERN Linlithgow,	•	ا محد		ll												
24 25 26 27 28	Edinburgh,	:	41,879 328,138	44,005 888,836	41 363	15 170	25 175	23	13 146	72	87	23	29	20	15	41	854
26	Haddington,		27,755	88,510	16	18	5	258 14	146	496 26	882 16	243 4	200 12	286 11	264 17	349 23	8,282
		:	36,382 12,218	35,278 13,688	12 4	10	8	16 6	4	19	9	6	10	5	12	22	165 133
30	Selkirk,	•	19,651	26,346	16	2 7	11	9	1 7	18 24	7 10	7 18	9	5 6	4	11 16	71 187
<b>3</b> 0	* *************************************		40.041	#6 TO	ا ا		ایرا										
31	Dumfries	:	48,241 74,842	52,592 76,167	20 43	18 27	27 24	29 28	11 21	33 63	19	13	17	12	9	38	241
32	Kirkeudbright,		42,087	42,290	28	11	19	20	5	43	38 18	28 4	22 11	20 12	38 17	77 36	424 224
33		•	38,602	88,448	14	10	18	23	4	28	14	5	15	19	80	30	206
<u>-</u>			L		Ш											30	

## 4 IV.—Total DEATHS from all Causes at Four Periods of

		I	AGES	3.		is a market	7	3 3	AGE	S.	100
CAUSES OF DEATH.	9-0	5-20	20-60	60, etc.	Total.	CAUSES OF DEATH.	9-0	5-20	20-60	60, etc.	Total.
ALL CAUSES	9926	2431	8296	5481	26134	Enteric Fever Other Miasmatic Diseases .	27	80	75	4	186
I. SPECIFIC FEBRILE OR ZYMOTIC DIS. II. PARASITIC DIS. III. DIETETIC IV. CONSTIT. ,	2254 7 29 874	2	67	14	3165 9 111 4912	DIARRHŒAL DISEASES. Simple Cholera	10 403	26	3 64	68	13 561
V. DEVELOP. ,, VI. LOCAL ,, VII. VIOLENCE . VIII. ILL-DEFINED AND	904 4775 209	977 129	4535 435	1008 3685 129	1913 13972 902	Remittent Fever Ague	5 -	1 -	1 2	1	8 2
NOT SPEC. CAUSES I.	874	41	174	61	1150	Hydrophobia	-	-	-	1813	in i
1. MIASMATIO DISEASES . 2. DIARRHEAL ,, . 3. MALARIAL ,, .	1678 413 5	332 28 1	65	68	574	Splenic Fever	-	-	-	-	
5. VENEREAL ,, 6. SEPTIO ,,	111 47	3 17	17	6		VENEREAL DISEASES. Syphilis Gonorrhœa, Strict. of Urethra	111	3	10	2 4	126 11
II. Parasitic Diseases .	7	2	_	_	9	Septic Diseases.		-	-		
III. Dietetic Diseases .	29	1	67	14	11)	Erysipelas	42 5	6 8 3	38 31 107	39	125 48 110
IV. Constitutional Dis	874	899	2682	457	4912		7	-	-	-	7
V. DEVELOPMENTAL DIS	904	1	_	1008	1913	Other Dis. from Veget. Para. Hydatid Disease Other Dis. from Animal Para.		- 2	-	5	2
VI.  1. DIS. OF NERVOUS SYSTEM 2. ,, ORGANS OF SPECIAL SENSE .	1167 11	241		1001	3185 28	Starv., Want of Breast Milk	29	i	2	100	31
3. ,, CIRCUL SYSTEM 4. ,, RESPIR SYSTEM 5. ,, DIGESTIVE SYSTEM	36 2712	134 304	$1095 \\ 1477$	918 1186 340	2183 5679	Intemp. { Chronic Alcholism Delirium Tremens		-	52 13	13	65
6. ,, Lymphatic Syst. & Ductless Glands 7. ,, Urinary System	38	77			30 646	Constitutional Diseases. Rheu. Fever, Rheu. of Heart Rheumatism	4	38	49 31 1	33	99 68
8. REPRODUCT. SYST. (a) Dis. of Organs of Gen. (b) Dis. of Parturition 9. ORGANS OF LOCOM.	3 - 24	3 3 88	117 56	12	120 180	Gout		7 6 106	513 28	1	36 826 371
VII.  1. Accident or Negligence		100		116		Tuber. Men. (Acute Hydro.) Phthisis Other forms of Tuber., Scrof.	127	96 568 61 4	9 1934 48 6	1 83 3 2	452 2712 227 16
2. Homicide		3	3	-	6	Purpura, Hæmor. Diathesis Anæmia,Chlorosis,Leucocyth. Diabetes Mellitus Other Constitutional Dis.	9 - 1	6 4	38 22 3	12 5	65 31 4
VIII. ILL-DEFINED AND NOT SPECIFIED CAUSES .	874	41	174	61	1150	DEVELOPMENTAL DISEASES. Premature Birth Atelectasis	774 41	-	-	-	774 41
MIASMATIC DISEASES. (Vaccinated .	-					Cyanosis	12 33 3	-	-	101	12 33 3
Small-pox Unvaccinated . No statement . Chicken-pox .	1	-	-		1	Cleft Palate, Hare-lip Other Congenital Defects Old Age	7 34	1		1008	7 35
Measles Epidemic Rose Rash	575 3	26	3 - 6		604	DISEASES OF NERVOUS				- 1	
Scarlet Fever	187	83 12	42	1	276 54 1	Inflam. of Brain or its Mem. Apoplexy	449 17	131 11	67 273	10 428	657 729
Influenza	627	1 40 -	1	1	668 3	Softening of Brain Hemiplegia, Brain Paralysis Paralysis Agitans	7	-	26 184 2	61 381 3	87 581 5
Diphtheria Cerebro Spinal Fever Simple and Ill-defined Fever	250 1 5	83	10		1	Insanity, Gen. Par. of Insane Chorea Epilepsy	11	1 1 12	36	8	45 1 71

		A	GES.					A	GES.		
CAUSES OF DEATH.	9-0	2-20	20-60	60, etc.	Total.	CAUSES OF DEATH.	9-0	2-50	20-60	60, etc.	Total.
Convulsions Laryngismus Stridulas Idiopathic Tetanus Paraplegia, Dis. of Spin. Cord Other Dis. of Nerv. System	435 27 5 4 212	12 - 2 15 47	6 - 4 40 96	3 - 47 54	456 27 11 106 409	Calculus Hæmaturia Dis. of Bladder & of Prostate Other Dis. of Urinary System	9	- - 2 11	3 1 26 66	3 1 70 26	111
DISEASES OF ORGANS OF SPECIAL SENSE. Otitis, Otorrhœa . Epistaxis and Dis. of Nose Ophthalmia and Dis. of Eye DISEASES OF CIRCULATORY	8 - 3	5	9 2 1		22 2 4	DISEASES OF ORGANS OF GENERATION. Ovarian Disease, Dis. of Uterus and Vagina . Disorders of Menstruation . Pelvic Abscess Perineal Abscess	ī - -	1 - 2	23 29 2 1	4 5 - 1	
System. Endocarditis, Valvular Dis.	11	116	885	699	1711	Dis. of Testes, Penis, Scrotum, &c	2	-	-	-	
Pericarditis Hypertrophy of Heart Angina Pectoris Syncope Aneurism Senile Gangrene Embolism, Thrombosis Phlebitis	1 14 - 1	7 2 2 5 - 1	8 44 15 48 37 3 18	3 43 13 50 16 47 8	18 89 31 117 53 50 28	DISEASES OF PARTURITION. Abortion, Miscarriage Puerperal Mania Puerperal Convulsions Placenta Prævia, Flooding Phlegmasia Dolens Other Accidents of Childbirth		- - - 3	8 6 18 26 5 54		
Varicose Veins Other Dis. of Circul. System DISEASES OF RESPIRATORY	-	1	30	38	78	DISEASES OF ORGANS OF LOCOMOTION. Caries, Necrosis	10	38	30	5	
SYSTEM. Laryngitis Croup	66 218	12 15	14	3	95 233	Arthritis, Ostitis, Periostitis Other Dis. of Organs of Locom. DISEASES OF INTEGUMENTARY SYSTEM.	10	5 45	5 21	3 4	-
Trachea . Emphysema, Asthma Bronchitis . Pneumonia . Pleurisy Other Dis. of Respir. System	889	149 15	27 634 618 67 115	2 12 846 228 18 77	9 41 2890 1884 119 408	Carbuncle Phlegmon, Cellulitis Lupus Ulcer, Bed-sore Eczema Pemphigus Other Dis, of Integu. System	7 2 12 1 9	3 - 1 1 - 1	3 9 - 4 - 1 1	7 3 1 8 -	
DISEASES OF DIGESTIVE SYSTEM. Stomatitis Dentition Sore-throat, Quinsy Dyspepsia Hæmatemesis Melæna Diseases of Stomach Enteritis Ulceration of Intestine	17 234 20 17 2 83 183	-	4 -2 9 11 2 90 33 13	1 1 10 6 1 53 25 4	24 234 29 36 19 3 237 262 17	Accident or Negligence. Fractures, Contusions Gunshot Wounds Cut, Stab Burn, Scald Poison Drowning Suffocation Otherwise	16 	55 2 - 23 4 21 3 18	188 1 23 28 78 21 62	63 - 16 3 10 5 19	3
Ileus, Obstruct. of Intestine Strict. or Strang. of Intestine Intussusception of Intestine	-	9	47 10 5	41 6 3	106 16 17	HOMICIDE. Murder, Manslaughter .	3	-	3	-	
Hernia Fistula Peritonitis Ascites Gallstones Cirrhosis of Liver Other Diseases of Liver Other Diseases System	7 1 84 3 - - 53	2 3 41 1 - 1 10	25 5 136 5 1 42 113	25 29 8 - 20 81	59 9 290 17 1 63 257	SUICIDE. Gunshot Wounds Cut, Stab Poison Drowning Hanging Otherwise		1 1 1	11 2 5 11 2	5 1 - 6 1	
DISEASES OF LYMPHATIC SYSTEM AND DUCTLESS						EXECUTION. Hanging	-	32	-	-	
GLANDS. Dis. of Lymphatic System . Diseases of Spleen . Bronchocele . Addison's Disease .	4	3 1 - 1	9 4 - 3	2 1 - 2	18 6 - 6	Dropsy Debility, Atrophy, Inanition Mortification	7 783 4	6 12 -	25 62 7	19 2 1	8
DISEASES OF URINARY SYSTEM Acute Nephritis Bright's Disease Uræmia	-23	25	63 155 18	21 64 7	143 250 28	Tumour Abscess Hæmorrhage . Sudden (cause unascertained) Other Ill-def, and not spec.	18	1 12 1 2	11 12 9 12	5 1 5 9	
Suppression of Urine .	-	-	5	2	7	causes	39	7	36	19	1

					_	10	ear	10	388	٠.											
	Total.		GI	AS	30W			EDI	NBU	JRG	н.		D	UNI	DEE.			AB	ERI	EEI	N.
CAUSES OF DEATH.	Grand 7	0-5	5-20	20-60	60, etc.	Total.	9-0	5-20	20-60	60, etc.	Total.	0-5	5-20	20-60	60, etc.	Total.	9-0	5-20	20-60	60, etc.	Total.
ALL CAUSES	26134	1750	1192	3774	1959	11675	1583	348	1636	1169	4786	1131	255	907	664	2957	684	196	646	653	217
I. SPECIFIC FEBRILE OR ZYMOTIC DIS.	3165	1127	188	174	40	1529	310	59	60	22	451	183	36	38	20	277	125	21	27	20	193
II. PARASITIC DIS	9	3	-	-	-	3	1 2	1	-	-	3	-	-	-	-	-	2	-	-	-	
III. DIETETIC " .	111	7	-	31	3	41	1	-	15	5	27	5	_	5	2	12	3	-	5	-	
IV. CONSTIT. " .	4912	423	459	1184	136	2202	158	104	577	113	947	81	98	301	60	540	55	77	196	59	387
V. DEVELOP. ,, .	1913	382	1	-	346	729	167	-	_	222	389	122	_	_	112	234	102	_	_	118	22
VI. LOCAL	13972	2325	449	2049	1353	6176	756	158	894	774	2582	574	106	507	452	1639	334	90	379	436	1231
VII. VIOLENCE	902	68	73	228	46	415	58	20	69	25	172	46	10	43	14	113	15	6	29	16	66
VIII. ILL-DEFINED AND NOT SPEC. CAUSES	1150	415	22	108	35	580	130	6	21	8	165	120	5	13	4	142	48	2	10	4	64
1.					_																
1. MIASMATIC DISEASES . 2. DIARRHGAL 3. MALARIAL 4. ZOOGENOUS 5. VENEREAL 6. SEPTIC	2161 574 10 	867 186 1 	168 18 - - 7	53 28 1 - 9 82	3 20 - 3 14	1091 247 2 - 61 128	228 50 2 	49 5 - 1 4	19 8 1 - 4 28	1 10 - - 11	297 78 3 - 29 49	79 72 - 24 8	33 2 - - - 1	13 10 - - 15	2 14 - - 2 2	127 98 - 26 26	72 43 2 - 5 3	17 - - 2 2	11 6 - 1 9	1 8 -	101 57 2 - 8 25
II. Parasitic diseases .	9	3			-	3	2	1			3			-	-		2	-	-	-	2
JII DIETETIC DISEASES .	111	7	_	31	3	41	7		15	5	27	5	-	5	2	12	3	-	5		s
IV. Constitutional Dis	4912	423	459	1184	136	2202	153	1104	577	113	947	81	98	301	60	540	55	77	196	59	287
V. DEVELOPMENTAL DIS	1913	382	1	-	346	729	167			222	389	122	-	-	112	234	102	-	-	118	220
VI.  1. DISTASES OF NERVOUS SYSTEM 2. ,, ORGANS OF SPECIAL SENSE. 3. ,, CIRCUL SYSTEM 4. ,, RESPIR. SYSTEM 5. ,, DIGESTIVE SYSTEM 6. ,, LYMPHATIC SYSTEM 6. ,, LYMPHATIC SYSTEM	3185 28 2183 5679 1776	9 16 1300	3 50 143	6 445 720	293 491	1417 18 804 2654 807	181 	1 24 51	141 2 247 240 124	220 209	560 3 501 925 349	116 1 363 80	34	2 124		359 3 239 748 184	99 - 1 164 60		69 109 109 47		298 1 249 428 152
AND DUCTLESS GLANDS 7 ,, URINARY SYSTEM . 8. ,, REPRODUCTIVE	30 646	3 18	333		68	14 270	7	13	3 80	49	3 149	1 6	7	2 26	13	3 52	3	111	30	3 29	5 73
SYSTEM:—  (a) DIS. OF ORGANS OF	71	2	1	20	1	24			15		00		7								
GENERATION . (b) DISEASES OF PAR-	71	2			1			1	15	4	20	1	1	4	3	9		-	4	1	5
9 ,, ORGANS OF LOCOMO-	120	-	5	58		56	-	-	22		22			10		10	-	-	6		6
IO. ,, INTEGUMENTARY .	180	12	38	25	5	80	3	11	15	3	32	3	15	5	3	26	4	6	3	1	14
SYSTEM	74	11	2	9	10	32	8	2	5	3	18	3	-	2	1	6	3	1	1	2	7

# in Eight of the Principal Towns of Scotland. Year 1888.

	_	-	_	_			_	-	_	_		_	_	_	-			_	_	_
	1	GRE	EN	ock			L	EIT	H.			PA	ISL	EY.			PI	ERT	H.	
CAUSES OF DEATH.	2-0	5-20	20-60	60, etc.	Total.	0-5	5-20	20-60	60, etc.	Total.	9-0	5-20	20-60	60, etc.	Total.	9-0	5-20	20-60	60, etc.	Total.
ALL CAUSES	485	153	364	229	1231	471	87	337	280	1175	674	138	452	328	1592	148	62	180	199	589
I. SPECIFIC FEBRILE OR ZYMOTIC DIS.	107	22	26	3	158	105	11	23	6	145	266	31	43	12	352	31	13	12	4	60
		1	3		4	2		5	2	9	5	_	3	2	10	_	_		_	
,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	40		116	21			33		38			45	131	14	227	16	25	52	16	109
	44	90	110	47	91	38	-	120	34	72		_	_	95	128	16	_		34	50
	237	60	191	147	635	203	38	162	196	599		59	248	190	771	72	17	105		331
VI. LOCAL ,, VII. VIOLENCE ,	2	10	24	8		11	4	18	3	36		2	18	12	38	3	4	6	5	18
VIII. ILL-DEFINED AND NOT SPEC. CAUSES	55	2	4	3		43	1		1	49		1	9	3	66	10	2	5	3	20
I.				_																
1. MIASMATIC DISEASES 2. DIARRHGAL 3. MALARIAL 4. ZOOGENOUS 5. VENEREAL 6. SEPTIC 7	89 15 - - 2 1	18	10 7 1 - 1 7	1 1 - 1	117 27 2 - 3 9	84 16 - 3 2	11	8 1 - 1 13	1 3 - - 2	104 20 - 4 17	26 - - -	24 3 1 - 3	23 5 - 1 14	9 - 1 2	285 43 1 - 2 21	21 5 - 4 1	12	5 - - - 7	1 3	39 9 - 4 8
II. PARASITIC DISEASES .	-	-	-	-		-	-	-			-	-	-	-	_	-	1		-	1
III. DIETETIC DISEASES	-	1	3	-	4	2	-	5	2	9	5	-	3	2	10	-	-	-		
IV. CONSTITUTIONAL DIS	40	58	116	21	235	69	83	125	38	265	37	45	131	14	227	16	25	52	16	109
V. DEVELOPMENTAL DIS	44	-	-	47	91	38	-	-	34	72	33	-	-	95	128	16	-	-	34	50
6. ,, DIGESTIVE SYSTEM . AND DUCTLESS	72 1 4 129 24	-	38 1 47 67 18	-	170 2 92 266 66	41 -3 115 42	9 2	48 12	-	123 1 129 219 69	-	-	77 30	47 57		15 - 45 11	4 - 3 5 1	20 	33 32	84 - 60 113 43
GLANDS	ī	2	10	4	17	1	6	111	15	33	1	5	17	8	31	1	-	12	8	21
(a) DIS. OF ORGANS OF GENERATION .  (b) DISEASES OF PARTURITION .  9. "ORGANS OF LOCOMOTION .  10. "INTEGUMENTARY SYSTEM .	- 1 5	6	1 8 1 -	-	1 8 8 5	1	3	3 10 3 -	2	3 10 7 3	1	5	7 6 3	1 -	8 6 8 2		4	1 2 1 -	- 1	1 2 5

		_					_	10		_		_	_								_
CAUSES OF DEATH	Total.		GL	ASG	ow.		F	DII	UEV	RG	H.		DU	ND	EE.			ABE	RDI	EEN	r.
CAUSES OF DEATH.	Grand Total.	0-5	5-20	20-60	60,etc.	Total.	9-0	5-20	20-60	60,etc.	Total.	0-5	5-20	20-60	60 etc.	Total.	9-0	9-30	20-60	60,etc.	Total.
																	-		27/		
VII.  1. ACCIDENT OR NEGLI- GENCE	849	68	73	215	41	397	56	18	64	23	161	46	10	38	10	104	14	6	26	16	62
2. Homicide	6	_	_	-	_	-	2	_	_	-	2	-	-	1	-	1	.1	1	1	-	2
3. SUICIDE	47	-	-	13	5	18	_	2	5	2	9	-	-	4	4	8	-	-	2	-	2
4. Execution	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
VIII																					
ILL DEFINED AND NOT SPECIFIED CAUSES .	1150	415	22	108	35	580	130	6	21	8	165	120	5	13	4	142	48	2	10	4	64
MIASMATIC DISEASES.																					
Small-pox {Vaccinated Unvaccinated No statement	-	-	-	-	-	-	-	-	-	-	-	1 1	-	-	-	-	-	-	-	15	-
Chicken-pox	ī	1	-	-	-	1	-	-	-	-	-	_	-	-	-	-	-	-	1313	111111	-
Measles	604	205	-	1 -	-	216	91	8 -	2 -	-	101	20	1		-	21	1 - 4	-		3	1
Scarlet Fever Eyphus	276 54	108	53 3	3 16	-	164	15	3	4	-	18 5	19	15 3	3	-	36 6	-	1	1 2	-	6 3
Relapsing Fever Influenza	7	-	-	1	1	1 2	-	-	-	-	-	-	_	-	2	2	-	1	-	-	1
Hooping-cough	668	404	-	-	1	432	66	4	-	-	70	18	-	-	-	18	64	5	=	1.1	69
Diphtheria	343	126	-	4	-	168	49	17	4	-	70 1	21	5	-	-	26	1	6	1	-	8 -
Simple and Ill-defined Fev. Enteric Fever . Other Miasmatic Diseases	14 186 -	3 16 -	6 30 -	26 -	1	10 73 -	1 5 -	1 15 -	9 -	1	30 -	1	9 -	8 -		18	- 2	3 -	7	1	13
DIARRHŒAL DISEASES.																				-	
Simple Cholera Diarrhœa, Dysentery	18 561	8 178	- 13	1 27	20	9 238	50	5	8	10	73	72	2	10	14	98	43	=	6	8	57
MALARIAL DISEASES.																					
Remittent Fever	8 2	1	-	1	-	1	2 -	-	1	-	2 1	-	-	-	-	-	2 -	=	7	-	- 2
ZOOGENOUS DISEASES.				Г																	
Hydrophobia	P .	-	_	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Glanders	-	-	-	-	-	1	-	-	Ξ	-	-	-	-	-	-	-	=	-	-	=	-
Cow-pox and other effects of Vaccination .	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	=
VENEREAL DISEASES.																				14	
Syphilis .	126	49	-	6	1	56	24	1	2	-	27	24	-	-	-	24	5	2	-	7	7
Gonorrhœa, Stricture of Urethra	11		-	3	2	5	-	-	2	-	2	-	-	_	2	2	_	-	1	-	'1
SEPTIC DISEASES.																				d	
Phagedæna Erysipelas	125	21		17	14	57	6	-	7	11	24	8	-	3	1	12	1	0	2	9 2	12
Pyæmia, Septicæmia Puerperal Fever	48 110	3	1	14 52	-	18 53	-	3	8	-	11 14	_	1	8	1 -	5 9	2 -	2	6	-	6

## in Eight of the Principal Towns of Scotland. Year 1888.

	_		_				ur .	_		_	_				_	-			_	
CAUSES OF DEATH.		GRI	EEN	OCE	ζ.		· L	EIT	H.			PA	ISL	EY.			P	ER	rH.	
CRUSES OF DEATH.	0-5	5-20	20-60	60,etc.	Total.	0-5	2-50	20-60	60,etc.	Total.	0-5	5-20	20-60	60,etc.	Total.	0-5	5-20	20-60	60, etc.	Total.
VII.																				
1. ACCIDENT OR NEGLIGENCE	2	9	22	8	41	11	4	15	3	33	6	2	16	10	34	3	4	5	5	17
2. HOMICIDE	-	-	-	-	-	-	-	1	-	1	-	-	-	-	-	-	-	-	-	
3. SUICIDE	-	1	2	-	3	-	-	2	-	2	-	-	2	2	4	-	-	1	-	1
4. EXECUTION	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
VIII.		-			_								_							
ILL-DEFINED AND NOT SPECIFIED CAUSES .	55	2	4	3	64	43	1	4	1	49	53	1	9	3	66	10	2	5	3	20
MIASMATIC DISEASES.																				
(Vaccinated	-	-	-	-	-	-	-	-	-	- 1	-	-	-	=	-	-	=	-	-	-
Small-pox (Vaccinated Unvaccinated No statement			-	-	-	-	-	-	-	-	-	-		-	-	-	-	=	-	-
Chicken-pox	42	1	-	-	43	40	1	-	-	41	176	4	-	-	180	=	1	-	=	1
Epidemic Rose Rash . Scarlet Fever	10	4	-	-	14	7	ī	-	-	8	10	1	-	-	11	14	5	=	-	19
Typhus	-	2	6	-	8 -	_	-	2	-	2	-	2 -	8 -	1	10	_	-	1 -	-	1 -
Influenza	13	2	1	_	1 15	26	1	-	-	27	34	-	1	-	35	2	-	-	1	1 2
Mumps	23	4	-	-	27	9	4	-	-	13	1 16	6	ī	-	1 23	5	3	-	-	8
Diphtheria	-	-	-	-	-	-	-	-	-	-	1	-	-1	=	- 2	-	-	-	-	-
Simple and Ill-DefinedFev. Enteric Fever	1	5	3	-	9	2	4	6	1	13	-	11	12	-	23	-	8	4	-	7
Other Miasmatic Diseases	_		_	_	_	-		-	_	-	_		_	_	_	_	_	_	_	_
DIARRHŒAL DISEASES.																				
Simple Cholera Diarrhœa, Dysentery	15	4	7	1	27	14	-	1	3	2 18	26	1 2	5	9	42	5	1	-	3	8
MALARIAL DISEASES.																				
Remittent Fever Ague	-	-	1 -	1 -	2	-	-	-	-	-	-	1 -	-	-	1	-	-	-	-	-
Zoogenous Diseases.																				
Hydrophobia	-	-	-	-	-	-	-	-	=	-	-	-	-	-	-	-	-	-	-	-
Glanders	_	-	-	-	-	_	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Cow-pox and other effects of Vaccination .	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
VENEREAL DISEASES.																	1			
Syphilis	2	-	-	-	2	3	-	1	-	4	-	-	1	1	2	4	-	-	-	4
Gonorrhœa, Stricture of Urethra	-	-	1	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SEPTIC DISEASES.																				
Phagedæna Erysipelas	1	_	1	1	3	2	-	3	1	6	2	1	3	2	8	1	-	2	-	3
Pyæmia, Septicæmia Puerperal Fever	-	-	5	-	5	-	-	9	1	9	-	2	9	-	9	-	=	5	-	5
a dorberm volve	1	1				+	-	-		- 1									1	

## DEATHS from all Causes at Four Periods of Life Year 1888.

	_	_		_	_	. Oa	I 1	_	, —		_			_		_			_	_	
	Total.		GLA	sgo	w.	-	E	DIN	BUI	RGH	.		DU	NDI	Œ.		1	BE	RDE	EEN	
CAUSES OF DEATH.	Grand To	9-0	5-20	20-60	60, etc.	Total.	9-0	5-20	20-60	60, etc.	Total.	9-0	2-20	20-60	60, etc.	Total.	9-0	5-20	20-60	60, etc.	Total
PARASITIC DISEASES.																				3	
Phrush Other Dis. from Veg. Parasites Hydatid Disease Other Dis. from Animal Paras.	7 - 2	3		1111	1111	3	2	- - 1	1111	1111	2 - 1	1111		-	1111	1111	2 -		1111	1111	***
DIETETIC DISEASES.																					
Starvation, Want of Breast Milk Scurvy Intemp. (Chronic Alcoholism Delirium Tremens .	31 65 14	-	-	22 8	3	25 8	7		1 12 2	5 -	8 17 2	5	-	- 4 1	1 1	5 2	3 -		4	117.1	
CONSTITUTIONAL DISEASES.																					-
Rheu. Fever, Rheu. of Heart Rheumatism Gout Rickets Cancer Tabes Mesenterica Tuber. Mening. (Acute Hydro.) Phthisis Ot. forms of Tuberculosis, Scrof Purpura, Hemorrhagic Diath. Anemia, Chlorosis, Leucocyth. Diabetes Mellitus. Other Constitutional Diseases	227 16	1 - 12 - 119 157 82 46 1 2	20 2 -3 3 59 48 287 31 1 2 3	222 177 	15 - 88 - 26 1 1 1 2	46 35 278 190 210 1272 113 6 21 144	13 1 30 73 11 20 2 2	4 - - 1 14 13 65 6 1 -	6 8 1 - 155 7 1 379 6 1 5 7	3 5 4 - 80 1 - 17 - 2 1	14 13 5 13 237 52 87 472 32 4 9 8	20 31 14 13 	2 - - 1 11 8 72 4 - -	2 1 - 58 2 1 232 - 3 1 1	39 - 14 - 3	4 5 - 3 98 33 40 332 17 - 6 1	1 1 1 15 27 3 3 1 4	4 	8 2 - 42 1 1 132 2 1 3 4	- 2 - 40 - 1 8 1 1 4 2	1 8 2 3 3 1 9 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
DEVELOPMENTAL DISEASES. Premature Birth . Atelectasis	41 12 33 33 33 33 33	8 19 - 3 9			11111	19	2 4 2 2 11				142 4 2 4 2 2 11 222	108 5 - 4 - 1 4		1111111		108 5 - 4 - 1 4 4 114		-	11111111	111111	
Old Age	1008	-	-		346	346	-	-	-	222	222	-	-	-	112	112	-	-	-	113	-
DISEASES OF NERVOUS SYSTEM.																					
Inflam. of Brain or its Membrane Apoplexy Softening of Brain Hemiplegia, Brain Paralysis Paralysis Agitans Insanity, Gen. Par. of Insane Chorea Epilepsy Convulsions Laryngismus Stridulus Idiopathic Tetanus Paraplegia, Dis. of Spinal Cord Other Dis. of Nervous System	729 86 58 44 7 450 2 1 100		7 -5  -7 5  11	1:	0 162 4 18 2 135 - 1 4 1 - 3 2 2 4 2 - 1 2 11	28 21 28 21 28 21 16	4 - 2 - 2 3 8 8 3 7 8 3 7 7 2 2 7 1	17 3 - 2 - - 2 6 - - 2 4	10 54 4 23 1 12 - 9 - 6 22	81 19 67 - 4 - 2 - - 11	23 94 1 16 - 16 89 7 2 20	148	1 2 - 1	5		1 8 50 - 1 19	- 1 39 1	111	1	6 45 2 1 1 1	1
DISEASES OF ORGANS OF SPECIAL SENSE.																					
Otitis, Otorrhœa . Epistaxis and Disease of Nose Ophthalmia and Disease of Eye		2 6 2 - 4 8		1	-		3 - 1 - 4 -		1	-	1		-   -	.   -		3		1		1	

## in Eight of the Principal Towns of Scotland. Year 1888.

	(	RE	ENC	CK.			L	EITE	I.			PA	ISLI	EY.			PI	ERT	Ŧ.	
CAUSES OF DEATH.	0-5	5-20	20-60	60, etc.	Total.	05	5-20	20-60	60; etc.	Total	0-5	5-20	20-60	60, etc.	Total.	9-0	5-20	20-60	60, etc.	Total.
PARASITIC DISEASES.																				
Thrush Other Dis. from Veg. Parasites Hydatid Disease Other Dis. from Animal Paras.	1111		1111		1111	1111	1111	1111	1111	1111	1111	-		-	1111	1111	- - 1	1111	1111	
DIETETIC DISEASES.																				
Starvation, Want of Breast Milk	-	_	-	_	_	2	_	_		2	5	-	-	_	5	-	-	_	-	_
Scurvy Intemp. {Chronic Alcoholism Delirium Tremens.}	-	1 -	1	=	1 2 1		-	5 -	- -	7	-	-	3 -	- -	5		=	-	=	-
CONSTITUTIONAL DISEASES.																				
Rheu. Fever, Rheu. of Hear Rheumatism Gout . Rickets Cancer Tabes Mesenterica	- - - 17	3 1 4	4 3 - 24 -	3 - - 15	7 7 - 39 21	17	2 - 1 - 2	4 - - 23 3	- 4 - 21 -	6 4 - 1 44 22	- - - 11	3 - 1 - 5	3 - - 16 2	10	6 - 1 26 18	1 - - - 7	- - - - 6	- - 8 1	3 - - 12 -	4 - - 20 14
Tuber. Mening. (Acute Hydro.) Phthisis Ot. forms of Tuberculosis, Scrof Purpura, Hæmorrhagic Diath. Anæmia, Chlorosis, Leucocyth Diabetes Mellitus Other Constitutional Diseases.	9 -	3 38 7 1 1 -	82 2 - 1	- 2 - 1 -	10 129 18 1 3	31 5 16 - -	6 15 5 1 1 -	1 91 - 1 1 1 1 -	12 1 - -	38 123 22 2 2 2 1	17 2 7 - -	3 30 2 - 1	104	3 - 1	20 139 10 - 6 1	3 3 1 - 1	5 11 3 - -	37 2 - 4	1	8 52 6 - 5
DEVELOPMENTAL DISEASE .																				
Premature Birth	38 3 - 1 - 2	1111111	11111111		38 3 - 1 - 2 47	34 2 - 2 - -		1111111		34 2 - 2 - 34	30 3	11111111		95	30 3 - - - - 95	15	11111111	1111111	34	15
old ligo				-	-	F			04	01				-	-				-	01
DISEASES OF NERVOUS SYSTEM.																				
Inflam. of Brain or its Membrane Apoplexy Softening of Brain Hemiplegia, Brain Paralysis Paralysis Agitans Insanity, Gen. Par. of Insane Chorea	1 -	-	21 10	1 19 1 18 -	63 40 1 29 -	11 	4	-	13 5 26 - -	17 25 6 39 - 2	27 1 - 1 - -	11	5 16 1 13 1 1	17 4 25 2 -	43 84 5 89 3 1	6 1	2 - 1 - -	5 1 5 - 1	22 1 12 -	8 28 2 18 -
Epilepsy Convulsions Laryngismus Stridulus Idiopathic Tetanus Paraplegia, Dis. of Spinal Cord Other Dis. of Nervous System	13 2 -	1	2	1 1		24 - - - 4	- - - 1	1 - 1	- - - 2 1	1 24 - 1 2 6	15 1 2 - 8	- - 1 - 4	6 - 1 2 4	- - 3 2	6 15 1 4 5 18	7 1		2 - - 3 3	1 - - 3 6	3 7 - 6 11
DISEASES OF ORGANS OF SPECIAL SENSE.																				
Otitis, Otorrhœa	1 -	-	1 -		2 -	- 1 -		1 -		1 -		=		111						

							ea	1 1	.00	0.											
	otal.		GL	ASG	ow		E	DIN	IBU	RGI	I.		DT	ND	EE.		1	ABE	RDI	EEN	
CAUSES OF DEATH.	Grand Total.	9-0	5-20	20-60	60, etc.	Total.	9-0	6-20	20-60	60, etc.	Total.	0-5	5-20	20-60	o, etc.	Total.	9-0	5-20	20-60	60, etc.	Total.
DISEASES OF CIRCULATORY SYSTEM.																					
Endocarditis, Valv. Dis. Pericarditis Hypertrophy of Heart Angina Pectoris Syncope Aneurism Senile Gangrene Embolism, Thrombosis Phlebitis Varicose Veins Other Dis. of Circulatory System	1711 18 89 31 117 53 50 28 5 3	7 - 5 - 1 - 3	46 2 - 1 1 - - - -	372 2 13 6 18 12 2 7 1 2	214 	639 4 21 14 42 21 21 13 1 2 26	2 - 3 5	19 2 1 - 1 - - - 1	179 1 15 3 18 13 - 6 3 -	156 1 18 2 19 6 7 1 -	356 4 34 5 41 19 7 7 3 -	111111111111111111111111111111111111111	16 1 	106 2 3 2 4 2 1 2 1 -	76 -2 2 1 -8 2 -1 5	198 3 5 4 5 2 9 5 1 1	1	13	85 2 9 1 4 5 - - 3	99 2 4 1 6 1 7 - - 3	197
DISEASES OF RESPIRATORY SYSTEM.	05	96					14	2	3	1	20	8	1	1		10	7	4	1		12
Laryngitis Croup Other Dis. of Larynx and Trachea Emphysema, Asthma Bronchitis Pneumonia Pleurisy Other Dis. of Respiratory System	95 233 9 41 2890 1884 119 408	26 102 1 600 426 7 138	8 - 47 65 5 15	7 - 13 849 253 25 73	2 - 8 370 80 3 28	38 110 1 21 1366 824 40 254	14 38 - 222 121 8 22	1 12 23 7 4	1 5 81 109 23 18	2 3 138	3 9 453 295 46 59	19 1 205 122 1 7	1 20 -	- 85 84 7 8	101 48 3 14	10 20 1 402 274 11 30	10 - 97 35 - 15	1 2 12 2 1	2 41 50 4	1 99 25 2 5	11 239 122 8
DISEASES OF DIGESTIVE SYSTEM.																					
Stomatitis Dentition Sore-throat, Quinsy Dyspepsia Hematemesis Melæna Diseases of Stomach Enteritis Ulceration of Intestine Ileus, Obstruct. of Intest. Stric. or Strang. of Intest. Intussusception of Intest. Hernia Fistula Peritonitis Ascites Gallstones Cirrhosis of Liver Other Diseases of Liver Other Diseases of Liver Other Diseases of Liver	24 284 29 36 19 3 237 267 262 17 106 16 17 59 9 290 17 1 63 257 80	10 101 13 11 1 - 50 87 - 4 - 1 3 3 - 45 - - 25 15		4 -1 4 6 2 49 17 1 14 5 2 15 2 5 2 2 5 2 2 14 60 14 14 14 14 14 14 14 14 14 14 14 14 14	7	14 101 18 18 10 3 129 122 2 32 5 5 80 4 123 7 	4 36 3 4 - 11 29 - 4 - 15 - 10 1	1 3 - 2 11 1 1			5 36 3 9 3 41 38 5 5 87 6 6 6 14 2 2 8 2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	30 3 1 - 8 15 - 1 - 1 - 5 10	1 1 2 1 1 1 3 1 1 1 1 1 1 1 1 1 1 1 1 1		111-542411-2-811-5-11	30 5 2 1 16 30 3 18 1 1 5 2 81 1 1 1 2 1 1 1 1 1 1 1 1 1 1 1 1 1	1 19 1 - 6 14 1 1 1 - 6 1	1	772488-11111384333	1 - 2 1 - 5 3 - 6 2 - 3 2 5 4	199 1199 1199 2114 4144 2124 1145 1146 1168
DIS. OF LYMPHATIC SYSTEM AND DUCTLESS GLANDS.	٠.,								2		2	1		2	_	8	_	1	1	2	4
Dis. of Lymphatic System Diseases of Spleen Bronchocele Addison's Disease	18 6 - 6	- - -	1 1 - 1	2 1 - 3	ī	6 8 - 5	1111		1 -	- - -	1 -	1	- - -	-	-			-	-	- - 1	i
SYSTEM.  Acute Nephritis Bright's Disease Ursemia Suppression of Urine alculus Hematuria Dis. of Bladder and of Prostate Other Dis. of Urinary System	148 250 28 7 6 2 98	13	16 10 1 - - 1	35 69 5 4 8 1	9 28 3 - 1 1 1 17 9	78 107 9 4 4 2 38	14	5 4 1 1 2	15 82 8 1 - - 6	5 15 2 - 1 - 19 7	26 55 6 1 1 - 26	6	2 8 1 1	3 14 2 - - 1 6	4 6	11 21 8 - - 7	1 9	7 8 1	4 11 6 - - 1 8	2 9 1 2 - - 13	14 21 7 7 7 14 14 14 14 14 14 14 14 14 14 14 14 14

	_					-		.00			_									
0/47-		GRE	EN	OCK			L	EIT	H.			PA	ISL	EY.			P	ERT	H.	
CAUSES OF DEATH.	0-5	5-20	20-60	60, etc.	Total.	9-0	5-20	20-60	60, etc.	Total.	9-0	2-30	20-60	60, etc.	Total.	9-0	5-20	20-60	60, etc.	Total.
DISEASES OF CIRCULATORY SYSTEM.																				
Endocarditis, Valvular Dis. Pericarditis Hypertrophy of Heart Angina Pectoris Syncope Aneurism Senile Gangrene Embolism, Thrombosis Phlebitis , Varicose Veins Other Diseases of Circulatory System	1 2	6 1 1	44 - - - - - - -	30	81 1 4 3 - 2	1 2	9 1	34 - 3 4 - 2 - 1	57 6 -4 -3 	101 6 9 4 3 2 - 3	2	1	46 1 3 5	42 - 2 1 - - - - - 2	92 1 5 2 2 - - - 7	11111111111111		19 - 1 - 1 - 1	25 -3 -1 -1  -3	47 44 - 22 11 11 11 4
DISEASES OF RESPIRATORY SYSTEM.  Laryngitis Croup Other Diseases of Larynx and Trachea	3 10 -	1 - 1	1 -	111	5 10	2 10 1	- 1	1	1.1.1	2 10 3	5 22 -	1 3			6 25	1 7	1.1.1	1 -		2 7
Emphysema, Asthma Bronchitis Pneumonia Pleurisy Other Diseases of Respiratory System	48 67 1	12	1 23 40 2	37 12 - 3	1 112 131 3 3	50 49 - 3	5 - 1	11 31 2 3	29 11 1 6	92 96 3	81 54 - 9	7 9 1	4 35 32 4 2	48 7 - 2	171 102 5 13	20 15 2	3 -	9 19 -	24 3 1	55 40 3
DISEASES OF DIGESTIVE SYSTEM.																				
Stomatitis Dentition Sore-throat, Quinsy Dyspepsia Hæmatemesis Melæna Diseases of Stomach Entertits Ulceration of Intestine Ileus, Obstruction of Intestine Strict, and Strang, of Intestine Intussusception of Intestine Hernia Fistula Peritonitis Ascites Gallstones Cirrhosis of Liver Other Diseases of Liver Other Dis, of Digestive System  DISEASES OF LYMPHATIC	1118111	2	1 2 1 6 2 6	- - 1 1 1 - - - - - - - - - - - - - - -	7 2 1 1 1 7 16 1 3 - - - 15 - 3 10 -	166-155188	1	1 - 3 1 - 2 2 -	1 1 1 1 1 1 2 2	1 6 - 1 - 9 19 19 - 4 1 1 2 1 - 8 2 - 3 9 3	1 29 - 1 - 2 5 5 1 1 - 3 1 1 - 1 1 - 1	2 2 1 2	1 2 5 1 2 2 - - 1 1 - - - - - - - - - - - - -	1 1 2 7 7	1 29 -4 2 -13 12 2 1 -1 3 -14 2 -6 14 1	- 6 	1	3	2 2 2 3 3 9 2 2	2 2 1 1 14 8
System & Ductless Glands.  Diseases of Lymphatic System Diseases of Spleen Bronchocele Addison's Disease		1111		1111	1111	1111	1	ī -		1 1 -	1111	1111	1 1		1 -	1111	1.11	1 -		1
DISEASES OF URINARY SYSTEM.																				
Acute Nephritis Bright's Disease Uræmia Suppression of Urine Calculus Hæmaturia Diseases of Bladder and of Prostate Other Diseases of Urinary System	1		8 1 1 1	1 2	1 11 	1	5 1	3 4 1 3	3 5 1 - 3 3	12 10 2 - - - 3 6	1	1 2 2	3 11 1 - - 2	1 2 - 1 - 4 -	5 16 1 - 6	1	i Timmi	- 6 6	1 7 -	1

## DEATHS from all Causes at Four Periods of Life Year 1888.

	Total.		GL	ASG	ow.		E	DIN	BU	RGE	r.		DU	ND	EE.			ABE	RD	EEN	ī.
CAUSES OF DEATH.	Grand Tot	0-5	5-20	20-60	60, etc.	Total.	0-5	5-20	20-60	60, etc.	Total.	0-2	5-20	20-60	60, etc.	Total.	9-0	5-20	20-60	60, etc.	Total.
DISEASES OF ORGANS OF GENERATION.																					
Ovarian Disease Diseases of Uterus and Vagina Disorders of Menstruation Pelvic Abscess Perineal Abscess Dis. of Testes, Penis, Scrotum, &c.	28 35 4 2 - 2	ī - - 1	- 1 - -	7 13 - - - -	1	7 15 1 - - 1	111111	1	6 8 1 - -	2 2	9 10 1 - -	- - - 1	1	3 -	1 1 - 1	2 4 1 1 - 1	111111	111111	3 1 - - -	1	4
DISEASES OF PARTURITION.																				3	
Abortion, Miscarriage Puerperal Mania Puerperal Convulsions Placenta Prævia, Flooding Phlegmasia Dolens Other Accidents of Childbirth	8 6 18 26 5 57	111111	3	4 9 9 2 27		4 2 9 9 2 30	111111	111111	3 11 1 7	111111	3 11 1 7	111111	111111	1 1 3 2 1 2	111111	1 1 3 2 1 2		111111	1 2 - 1 2	PITTI	1 2 - 1 2
DISEASES OF ORGANS OF LOCOMOTION.																					
Caries, Necrosis	83 17 80	6 1 5	17 3 18	16 1 8	2 3	39 7 34	1 - 2	5 - 6	6 2 7	1 1 1	13 3 16	1 1 1	4 2 9	1 - 4	3 -	9 3 14	2 1 1	1 - 5	1 - 2	1	5 1 8
DISEASES OF INTEGUMENTARY SYSTEM.																					
Carbuncle Phlegmon, Cellulitis Lupus Ulcer, Bed-sore Eczema Pemphigus Other Dis. of Integument. Syst.	10 22 1 15 13 2 11	- 3 - 2 4 - 2	- 2 - - - -	1 6 - 2 - -	3 2 - 5 - -	4 13 - 9 4 - 2	- 2 - 4 - 2	ī ī - -	1 2 - 1 - 1	1 - 2	2 5 - 4 4 1 2	- - 1 - 2		1	- - - - -	1 - 2 1 - 2	- - 1 - 2			1	1 1 - 4
ACCIDENT OR NEGLIGENCE.				_								_									
Fractures, Contusions Gunshot Wounds Cut, Stab Burn, Scald Poison Drowning Suffocation Otherwise	322 3 - 108 37 110 149 120	6 - 21 1 - 33 7	30 1 - 14 4 11 2 11	95 - 11 10 46 13 40	23 - 7 - 3 2 6	154 1 - 53 15 60 50 64	4 - 9 - 1 36 6	8 - 4 - 3 - 3	42 - 6 8 - 2 6	12 - - - 5 2 - - 2 2 2	66 - 24 10 4 40 17	2 - 6 - 33 5	5 1 - 3 - - 1	19 - 1 3 7 4 4	1 1 1 3	30 1 	1 - 2 - 8 3	3 - 1 - 1 - 1	5 1 -3 4 8 -5	10 - 1 - 2 - 3	19 1 -7 4 11 8 12
HOMICIDE.																	-				
Murder, Manslaughter	6	-	-	-	-		2	-	-	_	2	_	-	1	-	1	1	-	1	-	2
SUICIDE.  Gunshot Wounds	1 17 3 5 17 4	111111	11111	- 3 2 2 6 -	- 2 - 2 1	5 2 2 8 1	111111	1 1	- 2 - 1 2	- 2 - - - -	1 4 - 1 3	111111	111111	- - - 1 -	1 1 2 -	1 3 -	111111		- 1 - 1 -	1 1 1 1 11 1	1 - 1
EXECUTION.																					
Hanging	-	-	-	-	-	-	-	-	-	-	-	-		-	_	-	-	-	-	-	1
ILL-DEFINED AND NOT SPECIFIED CAUSES.																					
Dropsy Debility, Atrophy, Inanition Mortification Tumour Abscess Hæmorrhage Sudden (cause unascertained) Other Ill-def. & not spec. causes	57 859 12 17 43 19 42 101	3 361 2 - 5 2 16 26	2 8 - 8 - 1 3	17 38 3 6 7 7 7 23	12 1 3 - 1 7 11	34 407 6 9 20 10 31 63	121 - - 4 - 1 4	- 1 1 1 1 - 2	5 6 - 4 2 1 1 2	2 1 - 2 - 1 - 2	7 129 - 7 7 7 3 2 10	2 114 - 4 - -	2 1 - 1 - 1	2 6 2 - 2 - 1	2 - - - 1 - 1	8 121 2 7 1 - 3	1 40 - 4 1 - 2	1	2 1 1 - 2 4	1 - 1 - 2	3 42 1 1 5 1 3 8

## in Eight of the Principal Towns of Scotland. Year 1888.

	_	-		_		- an	_	_	_	_	_	-	_	_	_	_	_	-	_	_
	-	GRI	EEN	ock			L	EIT	I.			PA	ISL	EY.			P	ERT	н.	
CAUSES OF DEATH.	9-0	5-20	20-60	60, etc.	Total.	0-2	5-20	20-60	60, etc.	Total.	0-5	5-20	50-60	60, etc.	Total.	02	5-20	20-60	60, etc.	Total.
DISEASES OF ORGANS OF GENERATION.																				
Ovarian Disease Diseases of Uterus and Vagina Disorders of Menstruation Pelvic Abscess Perineal Abscess Dis. of Testes, Penis, Scrotum, &c.	111111		1	11111	1	111111	11111	1 2 - - -		1 2	111111	111111	3 2 1 1 - -	1	3 1 1 -	. 1 1 1 1 1	111111	1	111111	1
DISEASES OF PARTURITION.  Abortion, Miscarriage Puerperal Mania Puerperal Convulsions Placenta Previa, Flooding Phlegmasia Dolens Other Accidents of Childbirth	111111	11111	8	11111	8	1111111		- 1 - 2 - 7	111111	1 - 2 - 7	111111	111111	3 1 - 1 - 1	111111	3 1 - 1 - 1	111111		- 1 1 -	11111	
DISEASES OF ORGANS OF LOCOMOTION.  Caries, Necrosis Arthritis, Ostitis, Periostitis	-	3 -	- 1	-	3 1	ī	3 -	2 1	-	5 2		2	3	1 1	5 -		3 -	1	-	
Other Dis. of Organs of Locom.  DISEASES OF INTEGUMENTARY SYSTEM.	1	3	_	-	4	-	-	-	-	-	-	3	-	-	3	-	1	_	-	-
Carbuncle Phlegn.on, Cellulitis Lupus Utleer, Bed-sore Eczema Pemphigus Other Dis. of Integument. Syst	2 - 1 1 1	1111111	111111	1111111	1 1 1	111111	- - - -	1111111	2	2 - - 1 - -	1	111111	1	111111	1 - 1	11111111		1111111	1	
ACCIDENT OR NEGLIGENCE. Fractures, Contusions Gunshot Wounds Cut, Stab Burn, Scald Poison Drowning Suffocation Otherwise	1 - 1	6 - 1 1 1 1 - 1	10 - - 1 - 8 - 3	3 - 1 - 2 - 2	19 - 4 - 11 2 5	1 - 2 - 8 -	2 2	7 - - - 5 1 2	2 - 1	12 - - 3 - 7 9 2	2 - 3 1	1 1	5 - 1 3 4 1 2	7 2 - 1	15 - - 4 4 6 1 4	- - 2 - 1	- - - 3 - 1	5	2 1 2	
HOMICIDE. Murder, Manslaughter	-		-	-	-	-	-	1	_	1	-	_	_	_	_	-	_	-	_	
SUICIDE.  Gunshot Wounds .  Cut, Stab .  Poison .  Drowning .  Hanging  Otherwise .	111111	1	1 1		- - 1 -	111111		- - 2 -	111111	2	11111	131111	- - - 2 -	- - - 2 -	- 4	111111	11111	1	11111	
EXECUTION. Hanging	-	-	-	-	-	-	_	-	_		-	-		-	-	-	-	_	-	
CAUSES.  Dropsy Debility, Atrophy, Inanition Mortification Tumour Abscess Hæmorrhage Sudden (cause unascertained) Other Ill-def. & not spec. causes	49 - 1 - 1	1 1	1 1 2	2 1	4 52 - 1 - 1 6	39 1 - 1 1 1		1 2 1		40 1 - 1 4 3	1 49 1 - - - 2	1	6 - 1 1 1 1 1		1 55 1 - 2 3 - 4	10	ī 1 - 1 -	- 2 1 2	- - - 1 2	1

CAUSES OF DEATH.	January.	February.	March.	April.	May.	June.	July.	Angust.	September	October.	November,	December.	Year.
ALL CAUSES	2707	2383	2524	2303	2270	2002	1859	1827	1736	2240	2043	2240	26134
I. SPECIFIC FEBRILE OR ZYMOTIC DISEASES II. PARASITIC III. DIETETIC IV. CONSTITUTIONAL IV. DEVELOPMENTAL IVI. LOCAL IVII. VIOLENCE ILL-DEFINED AND NOT SPECIFIED CAUSES	86	297 9 429 170 1319 63 96	287 1 7 425 190 1429 80	242 9 436 156 1293 61 106	229 1 12 475 171 1213 79 90	207 1 8 430 162 1041 78 75	182 1 6 409 167 931 72 91	217 2 8 379 145 902 71 103	248 1 12 336 120 879 59 81	314 2 9 379 168 1191 81	322 8 379 130 1038 79 87	259 6 410 154 1219 93	3165 9 111 4912 1913 13972 902
I.  1. MIASMATIC DISEASES 2. DIARRHEAL ,, . 3. MALARIAL ,, . 4. ZOOGENOUS ,, . 5. VENEREAL ,, . 6. SEPTIC ,, .	280 34 2 - 11 34	224 25 - 16 32	226 17 1 - 13 30	182 24 1 - 8 27	160 36 3 13 17	143 34 1 - 10 19	98 54 - 10 20	101 87 - 9 20	125 98 - 11 14	195 87 1 12 19	240 44 1 11 26	187 34 - 13 25	2161 574 10 137 283
II. PARASITIC DISEASES .	-	-	1	-	1	1	1	2	1	2.	-		Control of the Contro
III. DIETETIC DISEASES	17	9	7	9	12	8	6	8	12	9	8	6	11
IV. Constitutional Diseases .	425	429	425	436	475	430	409	379	336	379	379	410	491
V. Developmental Diseases .	180	170	190	156	171	162	167	145	120	168	130	154	191
VI.  1 DIS. OF NERVOUS SYSTEM . 2. ,, ORGANS OF SPECIAL SENSE . 3. ,, CIRCULATORY SYSTEM . 4. ,, RESPIRATORY SYSTEM . 5. ,, DIOESTIVE SYSTEM . 6. ,, LYMPHATIC SYSTEM .	209 718 172	1 210 598	190	191 557	1 178 462	3 190 2 365	194 319	157	147 318	187 486	5 136 430 132	199 488 161	218 567 177
AND DUCTLESS GLANDS . 7. "URINARY SYSTEM 8. "REPRODUCTIVE SYS TEM—	58				59						45	69	
(a) Diseases of Organs of Generati N (b) Diseases of P rtu		5 2	2 12	2 6	3	1 !	5 5	2 7	7 6	8	10	5	
9. , ORGANS OF LOCOMO	. 8						9 10					1 3	100
TION . INTEGUMENTARY SYS		1 17			11						18		1.0

CAUSES OF DEATH.	January.	February.	March,	April.	May.	June.	July.	August.	September.	October,	November.	December.	Year.
VII.  1. ACCIDENT OR NEGLIGENCE 2. HOMICIDE 3. SUICIDE 4. EXECUTION	76 10	58 1 4	77 - 3 -	60	74 5	70 2 6 -	68 1 3 -	68	55	76 2 3 -	75 4	C 10 25050	849 6 47
VIII.  ILL-DEFINED AND NOT SPECIFIED CAUSES .	121	96	105	106	90	75	91	103	81	96	87	99	1150
MIASMATIC DISEASES.  Small-pox { Vaccinated Unvaccinated No Statement Chickenpox Measles . Epidemic Rose Rash Scarlet Fever Typhus . Relapsing Fever . Influenza . Hooping-Cough . Mumps . Diphtheria Cerebro-spinal Fever . Simple and Ill-defined Fever Enteric Fever . Other Miasmatic Diseases .	78 25 1 2 114 32 - 1 26	107 40 2 22 4 - 107 - 9	45 -27 5 -2 95 -34 -5 13	31 15 9 -1 83 -25 -2 16 -	47 21 4 - 63 - 77 - 88 -	47 1 21 2 2 - 42 1 12 16 -	26 10 3 1 25 20 -	21 19 8 22 17	33 21 6 1 20 2 25 17	79 	104 	53 - 84 4 - 1 33 - 46 - 3 13	1 604 3 276 54 1 7 668 3 343 1 14 186
DIARRHŒAL DISEASES. Simple Cholera Diarrhœa, Dysentery	34	25	1 16	24	36	34	54	1 86	9 89	1 86	44	1 33	13 561
MALARIAL DISEASES. Remittent Fever	2		1 -	- 1	3 -	1 -	-		2 24	ī	1		8 2
ZOOGENOUS DISEASES. Hydrophobia Glanders Splenic Fever Cowpox and other Effects of Vaccination  VENEREAL DISEASES.	-	-	-	-		-	-		0.1 7		1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		1111
Syphilis Gonorrhœa, Stricture of Urethra	11	15	11 2	6 2	11 2	8 2	10	8	11	11 1	11	13	126 11
SEPTIC DISEASES, Phagedæna Erysipelas Pyæmia, Septicæmia Puerperal Fever	15 3 16	15 4 13	11 9 10	13 4 10	12 1 4	10 2 7	5 3 12	7 6 7	3: 5 6	8 2 9	14 4 8	12 5 8	125 48 110

DEATHS II			-				-	-			Pur		
CAUSES OF DEATH.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Year.
Parasitic Diseases.  Thrush Other Dis. from Veg. Parasites Hydatid Disease Other Dis. from Animal Para.		-	1		1	1 -	- - 1	1 - 1	1	2 -		10.00	7
DIETETIC DISEASES. Starvation, Want of Breast Milk Scurvy	4 10 3	3 - 5 1	2 - 3 2	1 1 5 2	9	3 - 5 -	3 - 3 -	3 - 1 4	6 - 6 -	2 - 6 1	1 7 -	1 - 5 -	31 1 65 14
CONSTITUTIONAL DISEASES. Rheumatic Fever, Rheumatism of Heart Rheumatism Gout Rickets Cancer Tabes Mesenterica	20 11 1 2 63 25	9 9 - 4 83 17	13 5 - 3 59 28	5 4 -2 58 39	4 7 1 1 68 36	11 4 1 3 66 53	8 3 1 1 61 29	6 5 - 3 71 28	8 1 1 73 23	2 5 - 8 84 23	4 4 - 4 66 31	9 10 - 4 74 39	99 68 5 36 826 371
Tubercular Meningitis (Acute Hydrocephalus) Phthisis Other forms of Tuber. Scrofula Purp., Hæmorrhagic Diathesis Anemia, Chl., Leucocythemia Diabetes Mellitus Other Constitutional Diseases	32 243 18 1 4 4 1	46 238 14 1 5 2 1	41 251 15 1 5 4	40 255 25 1 4 3	55 269 23 2 9	43 223 16 1 7 2	42 230 22 4 6 1	36 199 23 1 7	28 183 12 - 2 4	31 195 21 1 6 3	19 220 17 2 7 5	39 206 21 1 3 3	455 2715 227 10 66 81
DEVELOPMENTAL DISEASES.  Premature Birth	62 4 1 1 2 1 1 108	65 2 1 5 - 1 96	67 5 1 5 - 1 8 103	58 4 1 4 -2 2 85	75 7 -2 -6 81	63 5 1 2 - 1 90	82 4 1 2 1 - 3 74	62 1 2 3 - 4 73	50 3 1 2 - 1 1 62	66 5 - 4 - 4 89	59 -3 2 -1 3 62	65 1 - 1 1 1 85	774 41 13 33 1008
DISEASES OF NERVOUS SYSTEM.  Inflammation of the Brain or its Membranes Apoplexy.  Softening of Brain Hemiplegia, Brain Paralysis Paralysis Agitans Insanity, General Par. of Insane Chorea Epilepsy Convulsions Laryngismus Stridulus Idiopathic Tetanus Paraplegia, Dis. of Spinal Cord Other Diseases of Ner. System	50 91 8 72 1 4 -6 38 -1 10 44	51 41 6 39 6 -5 51 2 12 35	63 64 13 50 - 9 - 12 49 3 - 13 42	53 70 6 43 - 4 1 6 49 7 1 14 44	71 58 9 59 - 3 - 7 40 2 2 3 13 41	58 68 3 54 	50 67 10 32 1 1 28 3 28 3	52 51 2 45 1 2 - 3 34 - 1 10 33	40 47 6 40 2 2 - 4 26 - - 4 24	50 52 6 63 - 4 - 4 38 2 2 6 4 0	53 66 9 29 - 2 - 8 36 2 1 9 27	66 54 9 55 - 6 - 7 41 4 - 5 31	657 728 85 58 58 41 45 45 22 11 106 409
DISEASES OF ORGANS OF SPECIAL SENSE. Otitis, Otorrheea Epistaxis and Disease of Nose Ophthalmia and Disease of Eye	2 -	1	1 1 -	=	1	2 - 1	$\frac{1}{1}$	2	4	1 - 1	4	3 1	2

CAUSES OF DEATH.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November	December.	Year.
		1	1	9	_		3						
Dis, of Circulatory System. Endocarditis, Valvular Diseases Pericarditis Hypertrophy of Heart Angina Pectoris Syncope Ancurism Senile Gangrene Embolism, Thrombosis Phlebitis Varicose Veins Other Diseases of Cir. System	163 1 7 2 10 9 4 2 -	167 3 11 3 9 7 3 1	151 9 5 12 1 3 1 1 7	149 4 8 3 9 2 10 2 - 1 3	141 7 2 8 7 3 1 1 1	145 11 10 2 9 1	140 3 7 7 17 6 1 4 -	124 	112 11 1 11 2 4 1 5	146 3 7 1 11 2 3 5 1 - 8	115 - 3 1 3 3 2 4 - 1 4	158 3 5 3 12 3 4 1 7	1711 18 89 31 117 53 50 28 5 3 78
Dis. of RESPIRATORY SYSTEM. Laryngitis Croup Other Dis. of Larynx & Trachea Emphysema, Asthma Bronchitis Pneumonia Pleurisy Other Diseases of Resp. System	10 31 2 5 367 253 10 40	12 26 1 2 325 176 19 37	10 22 1 9 371 183 8 58	6 10 1 6 306 168 20 40	4 15 3 4 220 161 7 48	14 14 2 173 144 8 20	9 11 1 144 120 11 23	8 10 2 128 99 6 28	6 14 - 2 158 110 8 20	14 21 1 2 247 165 5 31	5 30 1 199 155 8 32	7 29 -5 252 150 9 31	95 233 9 41 2890 1884 119 408
DISEASES OF DIGESTIVE SYSTEM.  Stomatitis Dentition Sore-throat, Quinsy Dyspepsia Haematemesis Melena Diseases of Stomach Enteritis Ulceration of Intestine Gues, Obstruction of Intestine Stricture or Strang, of Intestine Intussusception of Intestine Hernia Fistula Peritonitis Ascites Gallstones Cirrhosis of Liver Other Diseases of Liver Other Dis. of Digestive System	2 21 1 3 -1 19 25 1 13 1 -8 8 1 30 6 6 31 9	4 26 4 7 3 22 21 1 10 - 8 2 23 3 - 5 23 4	4 23 4 2 3 1 28 14 1 7 2 1 1 1 1 7 2 7 7 7 7 7 7 7 7 7 7 7	2 20 2 2 1 19 25 1 9 1 1 2 2 24 5 7 33 4	2 27 2 4 2 2 24 22 2 2 8 4 2 12 	1 12 1 4 3 18 15 2 11 1 4 7 1 29 1 1 1 29 1 24 1 28 1 29 1 29 1 29 1 29 1 29 1 29 1 29	10 2 - 14 18 - 5 - 2 2 2 2 1 1 4 18 18 4 18	1 19 2 3 1 1 24 31 - 10 - 1 3 1 1 22 2 1 2 2 2 1 2 2 1 2 2 2 1 2 2 2 1 2	2 15 1 2 1 19 31 11 11 3 2 1 10 3 1 17 5	2 21 2 3 - 13 27 25 5 3 - 4 - 29 1 - 6 14 7	2 16 1 3 4 -18 15 2 8 -1 7 1 26 -15 -15 -15 -15 -15 -15 -15 -15 -15 -15	2 24 7 3 1 19 18 4 9 1 5 3 4 1 - - - - - - - - - - - - - - - - - -	24 234 29 36 19 3 237 262 17 106 16 17 59 290 17 1 63 257 80
DISEASES OF LYMPHATIC SYSTEM AND DUCTLESS GLANDS.  Diseases of Lymphatic System Diseases of Spleen Pronchocele .  Addison's Disease .		- - 1	3 - 1	1111	2 1 -	2 1 -	- 1 - 1	2	1	2 1 - 1	3 1	1 1 - 1	18 6 - 6
DISEASES OF URINARY SYSTEM.  Acute Nephritis	14 222 4 - 1 - 8 9	10 20 2 - 1 - 10 9	16 20 2 1 - 4 16	5 25 2 - - 13 6	18 15 2 1 1 1 7	10 17 1 - - 10 5	7 20 2 1 - 8 11	8 12 3 - - 5 6	14 25 2 1 2 7 6	12 30 6 1 1 1 - 12 8	14 19 1 - 4 7	15 25 2 2 1 10 14	143 250 28 7 6 2 98 112

# DEATHS from all Causes in Eight of the Principal Towns of Scotland during each Month of the Year 1888.

CAUSES OF DEATH	January.	February.	March.	April.	May.	June,	July.	August.	September	October.	November	December.	Year.
Dis. of Organs of Generation.													
Ovarian Diseases Diseases of Uterus and Vagina Disorders of Menstruation Pelvic Abscess Perineal Abscess Dis. of Testes, Penis, Scrotum, &c.	2 2 1 -	1 1	4 6 2 - -	2 2 1 1 -	2 2	5 1 -	1 - 1	3	1 4	4	5 4	2 2 - - 1	28 35 4 2 -
DISEASES OF PARTURITION.											5,1	· 07	ALC: N
Abortion, Miscarriage . Puerperal Mania . Puerperal Convulsions . Placenta Prævia, Flooding . Phlegmasia Dolens . Other Accidents of Childbirth	3 - 4	1 3 5 - 4	1 1 1 2 1 7	ī - - 5	1 1 3 - 5	1 2 2 4	1 1 - 2 - 6	1 2 4	1 3 - 6	1 2 2 2 7	1 3 3 - 5	2 1 -	8 6 18 26 5 57
DIS. OF ORGANS OF LOCOMOTION.												(3)	
Caries, Necrosis Arthritis, Ostitis, Periostitis . Other Dis. of Organs of Loco.	4 1 6	11 1 5	10 1 7	9 2 6	5 3 7	8 1 7	9 2 8	9 3 9	1 2 10	5 1 2	· 10	· 2	83 17 80
Dis. of Integumentary System.										1		100	HOS
Carbuncle	2 2 -	$\begin{array}{c} 1 \\ 6 \\ - \\ 2 \end{array}$	1 2 -	$\frac{-}{2}$	$\frac{2}{2}$	1 1 3	- 4 - 1	ī - 1	1 - 2	1 1 1	1	1 - 1	10 22 1 15
Eczema	2	1	2	3	1 1 2	1	2 -	-	- 1	1 - 2	3 1 1	1	13 2 11
ACCIDENT OR NEGLIGENCE.												1111	450
Fractures, Contusions Gunshot Wounds Cut, Stab Burn, Scald Poison Drowning Suffocation Otherwise	20 - 11 4 9 19 13	22 - 9 2 8 8 9	27 - 19 2 7 14 8	21 1 - 7 1 8 11 11	30 1 - 8 5 8 10 12	31 1 -6 6 10 11 5	23 - 1 4 14 9 17	31 - 7 3 7 14 6	27 -3 1 7 12 5	29 10 2 6 15 14	31 - 9 2 9 12 12 12	30 - 18 5 17 14 8	322 3 108 37 110 149 120
Homicide. Murder, Manslaughter	_	1	_	-	-	2	1	_	_	2	_		6
SUICIDE.				-	-	-		-	_	-	-	-	200
Gunshot Wounds Cut, Stab Poison Drowning Hanging Otherwise	3 1 - 5 1	1 1 2 -	- 1 - 1 1	- - - 1	2 - 2 1	3 2 1 -	2	1 1 - 1	$\frac{1}{1}$	1 - 2 -	1 - 3 -	1	1 17 3 5 17 4
Execution.										:			
Hanging	-	-	-	-	-		-		-			-	-
Causes.  Dropsy Debility, Atrophy, Inanition Mortification Tumour Abscess Hæmorrhage Sudden (Cause unascertained)	8 88 2 -6 2 4	7 71 1 5 2 5	87 - 2 2 2 1 1	3 88 - 3 3 2 2	4 68 1 2 3 1	2 58 1 3 -4	4 66 1 2 5 1 4	5 73 - 2 3 3	6 56 1 2 3 1 4	5: 71° 8 - 8	5 63 1 1 4 1	70 3 1 3 7	57 859 12 17 43 19 42
Other Ill-defined and not speci- fied Causes	11	5	8	5	9	7	8	16	8	8	8	8	101

J. 1				MALE BIRTHS.												
				Jan.	Feb.	Mar.	Apr.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Male Births.
Glasgow .	•	•	-	852	805	835	857	883	883	873	805	741	847	799	778	9958
Edinburgh		•		848	328	335	306	891	812	325	295	267	394	307	815	8918
Dundee .			•	195	183	186	202	201	204	192	172	153	218	171	197	2274
Aberdeen .			•	172	164	171	177	206	154	143	160	148	189.	160	168	9012
Greencek .		•	•	82	88	88	103	104	118	104	98	82	88	91	91	1189
Leith .				97	101	109	101	109	116	110	87	80	107	94	85	1196
Paisley .	•	•		105	84	88	100	103	98	112	88	86	100	83	92	1129
Perth .	•	•	٠	40	29	45	87	49	38	44	81	45	56	87	. 25	476
Total, 1888				1886	1782	1857	1883	2046	1918	1908	1726	1602	1999.	1742	1746	29090
Total, 1887	•	•		1903	1594	1995	1918	1959	1962	1778	1818	1684	1835	1754	1825	22035
Total, 1886	•	•	•	1983	1750	2081	2052	1924	1962	1893	1821	1744	1832	1834	1811	22687
Total, 1885	•	•	•	1981	1691	1945	1969	1794	1959	1871	1817	1778	1923	1765	1892	22385
Total, 1884	•	•		1939	1829	1939	2076	2076	1987	2047	1827	1987	2018	1760	1984	28469
Total, 1883	•		•	2033	1685	1828	1933	2024	1842	1944	1816	1617	1906	1795	1885	22258
Total, 1882			•	1834	1700	2073	1848	2134	1930	1886	1747	1691	1912	1727	1795	22277

				FRMALE BIRTHS.												Total Female
				Jan.	Feb.	Mar.	Apr.	May.	Jane.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Birtha
Glasgow .				796	767	777	833	804	777	821	824	685	828	729	720	9861
Edinburgh				805	274	281	334	318	809	800	278	259	818	314	298	8578
Dundee .				180	172	206	163	203	211	186	203	200	209	186	178	2296
Aberdeen .				141	157	165	148	165	172	147	148	109	∙ 163∙	158	160	1828
Greenock	•		•	98	83	84	104	108	91	96	76	61	106	89	86	1077
Leith .		•	•	87	87	100	89	94	96	98	95	64	127	104	94	1130
Paisley .	•	•	•	93	77	81	97	100	84	79	90	80	95	89	89	1054
Perth		•	•	38	80	89	89	48	42	87	22	46	42	27	89	414
Total, 1888	•	·	•	1738	1647	1788	1802	1830	1782	1759	1730	1504	1883	1696	1659	20763
Total, 1887	•	•	•	1779	1599	1866	1784	1903	1819	1791	1799	1687	1719	1782	1654	21082
Total, 1886	•	•		1891	1649	1919	1892	1872	1939	1805	1748	1679	1768	1649	1746	21427
Total, 1885		•	•	1849	1639	1813	1878	1832	1897	1814	1661	1693	1801	1666	1878	91415
Total, 1881				1847	1646	1810	1891	2038	2028	1853	1658	1798	1866	1656	1804	21895
Total, 1883			•	1962	1625	1712	1833	1932	1819	1791	1728	1511	1816	1640	1702	21071
Total, 1882		•	•	1851	1578	1848	1730	2088	1884	1747	1711	1627	1800	1767	1649	21270

				BIRTHS-BOTH SEXES.												Total
				Jan.	Feb.	Mar.	Apr.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Birth
Glasgow .		•		1648	1572	1612	1690	1687	1660	1694	1629	1426	1675	1528	1493	1931
Edinburgh				648	602	616	640	709	621	625	568	526	707	621	608	749
Dundee .				875	855	392	865	404	415	878	874	358	427	857	. 875	457
Aberdeen .			•	313	891	886	820	371	826	290	306	257	352	318	. 828	884
Greenock .				190	171	172	907	207	909	200	169	143	194	180	177	220
Leith .				184	188	200	190	203	212	208	182	144	234	198	179	282
Paisley .	•			198	161	169	197	203	177	191	178	166	195	172	181	218
Perth .	•	•	•	78	59	84	76	92	80	81	58	91	98	64	64	92
Total, 1888	•			8624	8429	8590	3685	3876	8700	8662	8456	3106	3882	3438	3405	4285
Total, 1887	•	•		3682	3198	3861	8652	3862	3781	8569	3617	3321	3554	3486	3479	4305
Total, 1886	•			8804	3899	4000	3384	8796	3901	3698	3569	3428	3600	3483	3557	4411
Total, 1885	•	•		8830	3330	3758	3842	3626	3856	3685	3478	3470	3724	3431	8770	4380
Total, 1884	•			8786	8475	3947	3967	4114	4015	8900	3485	3785	3884	8416	3788	4536
Total, 1883	•	•	•	8995	3310	8540	8766	3956	8661	3735	3544	3128	3722	3435	8537	4332
Total, 1882		_	•	3685	3278	3916	3578	4222	3814	3633	3458	3318	3712	3494	3444	4854

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## 22 VIII.—ILLEGITIMATE BIRTHS IN EIGHT TOWNS-1888.

				Jan.	Feb.	Mar,	Apr.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Total
Glasgow .		:		136	127	138	128	139	146	149	140	113	126	103	130	1575
Edinburgh				54	57	46	57	48	61	70	48	43	70	56	43	658
Dundee				47	37	44	34	41	40	37	41	34	40	28	45	478
Aberdeen .				27	38	28	41	28	33	21	33	29	46	30	31	385
Greenock .			٠	11	12	12	10	18	9	13	8	10	10	8	7	123
Leith .				11	11	13	9	12	9	10	14	12	14	12	19	146
Paisley .				11	14	8	13	9	11	11	12	9	8	8	13	127
Perth .	٠			9	7	8	4	8	7	8	8	11	9	6	4	89
Total, 1888				306	303	297	296	298	316	319	304	261	323	261	292	3576
Total, 1887				367	291	363	286	353	317	299	318	253	292	286	278	3643
Total, 1886				324	326	331	321	284	317	298	293	282	300	296	293	3665
Total, 1885				356	307	304	883	317	308	333	302	303	316	299	328	3806
Total, 1884				331	254	274	274	330	310	324	313	356	308	258	312	3639
Total, 1883				366	277	262	305	307	344	804	271	259	299	270	303	3567
Total 1882				300	252	318	257	360	286	286	256	270	297	314	296	3492
Total, 1881				302	287	261	272	344	321	342	289	259	277	251	287	3492
Total, 1880				290	267	315	280	315	340	286	286	256	283	290	262	3470
Total, 1879				325	268	316	329	320	309	323	314	303	322	250	309	3688
Total, 1878				311	261	323	322	332	274	317	312	279	348	281	299	8659

#### IX.-MARRIAGES IN EIGHT TOWNS-1888.

					.,,,,,	<u> </u>					<b>U W</b>	7410		<del></del>		
				Jan.	Feb.	Mar.	Apr.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Total.
Glasgow .		<u> </u>	•	648	290	240	421	216	527	633	247	825	868	439	504	4858
Edinburgh				225	111	117	171	105	826	254	174	126	164	175	209	2157
Dundee .				202	57	56	68	65	130	177	55	50	84	72	108	1124
Aberdeen .				71	43	54	55	54	139	91	65	79	65	51	151	918
Greenock .				51	24	88	40	23	44	72	29	85	89	39	41	470
Leith .	•			62	28	88	87	23	77	71	80	34	40	49	74	558
Paisley .				76	22	25	50	8	46	51	48	28	87	86	58	480
Perth .	•			29	13	15	13	7	26	23	16	14	12	20	34	222
Total, 1888			•	1359	588	573	855	501	1315	1372	664	686	809	881	1179	10782
Total, 1887		•		1366	568	657	690	499	1280	1164	769	648	811	849	980	10266
Total, 1886		•		1359	527	680	656	526	1312	1178	738	659	662	945	· 891	10188
Total, 1885	•			1334	596	648	824	432	1332	1143	671	669	706	897	905	10157
Total, 1884		•		1444	621	657	918	440	1414	1241	642	752	726	842	1000	10692
Total, 1883	•	•	•	1605	572	602	934	515	1460	1289	661	711	794	950	1158	11246
Total, 1882	•	•	•	1528	618	630	768	531	1360	1224	709	636	839	984	983	10760
Total, 1881	•	_		1514	506	645	662	584	1228	1085	762	705	850	984	985	10510
Total, 1880				1252	545	636	686	537	1276	1049	710	614	639	964	837	9745
Total, 1879	•	•		1308	526	584	665	474	1254	983	635	619	636	888	897	9469
Total, 1878	•	•	•	1847	648	594	701	436	1277	1181	645	704	650	842	850	975

1	-	-	5000					M	ALE I	EATI	HS.	-				Total Male
				Jan.	Feb.	Mar.	Apr.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Death
Glasgow .				570	535	603	524	542	484	428	409	384	467	439	512	5897
Edinburgh				277	221	227	222	217	167	183	165	177	207	147	164	2874
Dundee .				157	137	129	103	99	105	84	94	86	129	122	114	1359
Aberdeen				112	88	89	104	79	83	88	70	74	93	80	92	1052
Greenock				45	46	45	49	52	43	41	40	53	57	65	62	598
Leith .				64	54	59	52	54	52	35	43	40	45	55	48	601
Paisley .				60	60	71	61	50	42	41	61	59	110	93	76	-784
Perth .				23	23	20	22	26	26	19	19	17	22	27	23	267
Total, 1888				1308	1164	1243	1137	1119	1002	919	901	890	1130	1028	1091	12932
Total, 1887				1357	1134	1357	1179	1174	1075	1047	1036	966	1048	1153	1267	13793
Total, 1886				1118	1119	1454	1081	1185	1129	1025	1011	957	1017	1190	1308	13594
Total, 1885				1610	1147	1325	1234	1083	1141	981	1074	901	972	1142	1219	13829
Total, 1884				1216	1151	1212	1246	1244	1172	1178	1099	1135	1162	1246	1609	14670
Total, 1883				1473	1293	1459	1431	1445	1260	1055	1102	990	1069	1198	1135	14910
Total, 1882				1136	1101	1164	1144	1247	1130	1156	1053	1021	1100	1173	1469	13894

							FEI	TALE	DEAT	THS.					Total Female
			Jan.	Feb.	Mar.	Apr.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Deaths
Glasgow .			558	549	620	494	512	466	420	404	879	480	405	491	5778
Edinburgh			281	218	220	217	236	182	172	167	147	174	163	185	2362
Dundee .			203	160	152	150	123	91	105	100	95	147	141	131	1598
Aberdeen .			121	101	85	105	110	97	82	78	72	93	83	100	1127
Greenock .			61	43	50	52	48	45	37	51	28	54	81	83	633
Leith .			59	50	53	45	42	45	57	51	35	52	41	44	574
Paisley .			79	67	73	67	51	45	53	54	64	88	81	86	808
Perth .			87	31	28	36	29	29	14	21	26	22	20	29	822
Total, 1888			1399	1219	1281	1166	1151	1000	940	926	846	1110	1015	1149	13202
Total, 1887			1413	1091	1456	1224	1197	1112	1050	1090	1017	1111	1224	1290	14275
Total, 1886			1254	1145	1454	1193	1204	1082	1084	999	1006	981	1191	1837	13930
Total, 1885			1561	1274	1289	1179	1140	1119	1045	1011	921	1011	1139	1338	14027
Total, 1884			1198	1131	1151	1267	1267	1100	1189	1049	1180	1161	1226	1639	14558
Total, 1883			1516	1287	1449	1418	1335	1287	1124	1102	964	1116	1148	1138	14884
Total, 1882	_	-	 1220	1059	1169	1123	1213	1100	1036	1057	1009	1097	1247	1532	13860

							1	DEAT	HS—B	OTH	BEXE	8.				Total
				Jan.	Feb.	Mar.	Apr.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Death
Glasgow .		٠,		1128	1084	1223	1018	1054	950	848	818	763	947	844	1003	11675
Edhaburgh				<b>5</b> 58	439	447	489	453	849	355	832	324	381	310	349	4736
Dundee .				360	297	281	253	222	196	189	194	181	276	263	245	2957
Aberdeen .				233	189	174	209	189	180	170	148	146	186	163	192	2179
Greenock .	. •	•	•	106	89	95	101	100	88	78	91	81	111	146	145	1281
Leith .				123	104	112	27	96	97	92	94	75	97	96	92	1175
Palaloy .				189	127	144	128	101	87	94	115	123	198	174	162	1592
Perth .	•	•	•	60	54	48	58	55	55	38	40	48	44	47	52	589
Total, 1888				2707	2383	2524	2303	2270	2002	1859	1827	1736	2240	2043	2240	26134
Total, 1887				2770	2225	2813	2403	2371	2187	2097	2126	1983	2159	2377	2557	28068
Total, 1886	•		•	2872	2264	2908	2274	2389	2211	2109	2010	1963	1998	2381	2645	27524
Total, 1885	•		•	8171	2421	2614	2418	2223	2260	2026	2085	1822	1983	2281	2557	27856
Total, 1884				2414	2282	2363	2513	2511	2272	2367	2148	2315	2323	2472	3248	29228
Total, 1883				2989	2580	2908	2849	2780	2547	-2179	2204	1954	2185	2346	2278	29794
Total, 1882			•	2356	2160	2833	2267	2460	2280	2192	2110	2030	2197	2420	8001	27756

XI.—ABSTRACT of the METEOROLOGY in Eight of the Principal Towns of Scotland during the several Months of the Year 1888.

Moan Height above the Sea-level, 136 feet. Mean Latitude, 56° 12. Moan West Longitude, 3° 30'.

	BARO	BAROMETER.		SELI	SELF REGISTERING THERMOMETER.	STERN	9.	<u></u>	HYGROMETER	ETER.	fro	DEDUCTI n Glaisher' 2nd Edii	DEDUCTIONS from Glaisher's Tables, 2nd Edit.	<u> </u>	RA	RAIN.					WINDS	øi			
1888.	Mea and S	Mo R	Hig Mo	2.5		Mo	Mea	Gr	Mean	Ter			in Ca	Hu Sat		An		Num	ber of	Days i Direct	Number of Days it blew in certain Directions.	in cert	를		Pres
	n at 32° ca-lovel.	onthly ange.	hest in onth.	rest in onth.	lean erature.	nthly inge.	n Daily	eatest Range.	Bulb, or Temp.	Bulb, or np. of oration.	v-point perature.	ic Force	Vapour bic Foot Air.	nidity. :, 100.	nber of it fell.	ount.	Z	NE E	38.		AS.	*	¥ Z	Variable. Calm or	lean sure on re foot.
•	inch.	inch.	•		·						-	inch.	E.		days.	inch.					· 		!	Ī	
	30-112	1.641	₹92	17.0	39.0	31.1	8.7	8-91	39.7	38-7	36.5	.213	2.47	æ	91	5.69	~		10		•	۰	**	_	1.65
	30.048	1-231	28.0	£.01	3e-3	36.0	9.1	21.4	0.98	84.5	32.3	180	2.10	98	23	1:14	*	*	-		•	œ	*	•	1-31
	29-648	1:64	8.99	55	9.98	 **	10.6	21.5	9.98	6.78	32.5	981.	2.14	3	51	3.51	es	<del>-</del>	2		~	*	10	-	1.78
	29-878	996-0	809	24.2	1:2		18.6 2	25.1	6.54	40.0	36.5	-316	2.21	<b>8</b> 2	16	1.75	81	10	•	~	**	•	*	_	1.63
	29-932	1:463	9.9:	100	40-5	37.6	16.8	27.5	49.2	8.93	0.54	.567	3.04	9.	1,	38	۶ı		· ·	·*•	*	•	*	-	1:84
	20-974	0.830	9.08		62.5	39.0	16.8	37.6	62.1	48.8	9.94	908.	<b>3.4</b> 8	79	21	754	~	<del>-</del>		_		*	-	-	9
	29.738	0.747	9.91	7.95	54.7	82.8	12.6 2	25.4	9.73	8.19	1.6‡	25.	3.93	æ	83	5.20	~				*	*	*	~	1-03
•	29-896	0.861	78.2	3.95	999	30.3	14.3	34.4	55.1	52-2	19.3	328	3-99	81	82	7-31	-			*	•	۰	**	~	1-39
SEPTEMBER .	30-135	0.834	9.02	3.4	2.29	32.0	14.8	36.0	21.3	0.65	1.94	618.	9.8	35	=	1.09	•	~		_	•	•	•	*	0-83
	29-938	1.334	0.79	8.22	0.8	31-9	11.6	8.61	47.5	4.5.3	43.8	.276	3.18	8	22	1.84	8		<u>~</u>	~	<b>20</b>	•	+	_	19-1
•	29-673	1.052	80.3	29.9	9.83	8.92	3.6	17.5	9.8	41.2	39.0	.738	2.75	83	83	87.6	-			-	*	-	-	-	3.70
•	29-808	1-413	8.13	19.5	41.3	3.28	1.4	18-8	7.	89.8	1.98	.530	2.65	86	12	3-03	-		-	•• 	•	0	4	64	1.10
TEAR	29-896	1.174	99.	9.0	1.95	33.0	13.1	36.0	6-9	43.8	0.0	192.	3.09	83	981	38-23	8	2	33	=	9	8	2	12	1.66

# BIRTHS, DEATHS, AND MARRIAGES IN 1888,

AND

# VACCINATIONS IN 1887;

IN SCOTLAND

ITS DIVISIONS, COUNTIES, AND REGISTRATION DISTRICTS.

BIRTHS, DEATHS, AND MARRIAGES REGISTERED IN SCOTLAND IN 1888,

# AND VACCINATIONS IN 1887.

T		22	25.66.57	232272322	229
Tota	al Births for 1887.	124467	50847 15016 26216 29225 3163	2992 4154 13434 18177 9281 52094 18474 5861	687 729 1086 490
bef	oved from District ore Vaccination, or otherwise naccounted for.	3047	1228 266 697 459 397	123 485 81 83 334 346 1146 478 54	83.288 203.20
	Died before Vaccination.	11269	5094 1523 2359 2097 196	217 327 1140 1697 758 4800 1775 555	34 110 27
sceptible of Vaccine Disease.	On the ground of previous Successful Vaccination.	373	283 338 11 2	0 2 7 11 11 31 33 14	0000
Insusceptible of Vaccine Disease.	In respect of the Children having already had Small-pox.	0	00000	0000000	0000
Insuscel	On the ground of Constitutional Insusceptibility.	236	91 76 16	22 10 24 25 25 27 27 28 10	8709
	Vaccination Postponed.	2465	25.25.25 25.25.25 25.25.25 25.25.25 25 25.25 25 25 25 25 25 25 25 25 25 25 25 25 2	193 450 240 240 337 811 461 150	02 44 12 12
	Successfully Vaccinated.	107077	45693 12889 22499 25828 2168	2437 2880 111944 15758 7823 45300 15857 56778	514 642 865 416
s, AND	Marriages.	25281	12324 2859 4832 4751 415	453 655 2570 3656 1173 11105 4145	111 141 154 47
BIRTHS, DEATHS, MARRIAGES.	1888. Deaths.	71161	30508 8401 14300 15914 2038	1950 2618 7021 10832 6222 29331 10473 3714	529 482 654 835
BIRTHS	Births.	123925	50551 14997 26324 28268 3055	2923 4135 12338 17745 9263 51918 18172 5791	711 661 1055 496
SED	Consus 1581.	3,735,573	1,409,250 404,302 784,654 1,006,969 130,388	123,984 165,856 418,250 602,421 283,460 1,385,447 266,548 209,497	29,705 32,044 39,859 22,376
REVISED	Census 1871.	3,360,018	1,192,903 339,120 691,550 1,004,141 132,004	127,191 166,351 393,199 559,676 559,676 1,183,218 475,523 203,772	31,608 31,274 41,011
				1001000	
	NTIES,		CTS.		
	S GOU	ÄĎ,	ISTRI	NS.	ES. Divisi
	REGISTRATION GROUPS, DIVISIONS, AND COUNTIES	SCOTLAND	GROUPS OF DISTRICTS PRINCIPAL TOWN,	NORTHERN, NORTH-WESTERN, NORTH-WESTERN, EAST-MIDLAND, WEST-MIDLAND, SOUTH-RESTERN, SOUTH-RESTERN,	COUNTIES.  I. NORTHERN DIVISION. Shetland, Orkney, Caithness, Sutherland,
No.	of Division, &c.		H 3163 410	11. 111. 17. 17. 17. 17. 17. 17. 17. 17.	H 61 00 44

75	6 Inverness, III. NORTH-BASTERN DIVISION.	7 Nairn,	12   Forfar,   14   Filtoss,   15   Filtoss,   16   Filtoss,   16   Filtoss,   17   Filtoss,   18   Filtoss,   18   Filtoss,   19   Filtoss,	V. WEST-MIDLAND DIVISION.	17 Stirling,	VI. South-Western Division.	21 Renfrew,	VII. South-Eastern Division.	24 Imithgow, 25 Edinburgh, 28 Haddington, 27 Berwick, 28 Peebles, 29 Selkirk,	VIII. SOUTHERN DIVISION	80 Roxburgh,
	DIVISION.		DIVIBION.	Division.		N DIVISION.		M DIVISION.		DIVISION.	
800	84,258 84,258	8,372 44,549 58,883 246,298 35,097	240,049 128,550 160,924 7,918 22,235		93,345 61,116 79,661 16,966	<del></del>	195,305 200,908 787,005		41,379 328,138 37,755 36,382 12,218 19,651		48,241 74,842 42,087 38,602
rat or	86,389 86,389	8,847 45,108 59,783 269,047 35,465	268,653 130,282 172,131 7,330 24,025		106,883 78,182 80,761 17,634		225,611 217,630 942,206		44,005 388,836 38,510 35,273 13,688 26,34		52,592 76,167 42,290 38,448
you.	2170	218 1312 1930 8791 1087	8045 3166 5559 172 808		3820 2976 1997 410		7714 7404 36800		2129 13010 1084 849 356 744		1484 2165 1156 986
9701	1376	168 762 900 4662 534	5086 2245 3005 310 383		2011 1534 1354 823		4763 4028 20540		918 7846 590 523 185 411		841 1494 714 665
ö	367	213 213 330 1724 218	1813 662 1046 123		720 522 257 74		1660 1458 7992		354 3282 168 133 71		241 424 224 205
97.	1468	178 1166 1740 7870 990	7117 2855 4939 156 691		3178 2602 1647 396		6633 6632 82085		1839 11212 950 810 367		1261 1800 1014 1003
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		00000	\$0\$08 \$94		¥0-14		38 7 12 6 267 34		008001		0120
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	255 	00880	10 66888	<del></del>	105 147 105 10		258 82 82 82 82 74 806	<b>.</b>	27.3 27.3 2.4 13.1 29 1 29 1 29 20 20 20 20 20 20 20 20 20 20 20 20 20		111 18 19 19 19 19 19 19 19 19 19 19 19 19 19
a	2138	202 1318 1958 8857 1099	8263 3322 5589 174 829	•	3691 3003 483 483		7881 7427 36786	<del></del> ,	2162 3120 1080 894 407		1497 2067 1151 1146

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	Total E	irths for 1887.	2288880-12888821-0-2888821-0-2	20 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
	before or	I from District Vaccination, otherwise counted for.	40H000840008	0000000n000
87.		ed before ecination.		000000000000000000000000000000000000000
IONS, 1	/accine	n the ground of previous Successful Vaccination.	000000000000000000000000000000000000000	000000000000
VACCINATIONS, 1887.	e Ci	respect of the ildren having already had Small-pox.	000000000000000000000000000000000000000	00000000000
ΛV	O C Ins	n the ground of onstitutional susceptibility.	0840000400000000000	000000000000000000000000000000000000000
	Va Po	ccination stponed.	010010040000000000000000000000000000000	0400000446000
	Suc Va	cessfully ccinated.	78888844988877888	22 22 22 17 17 20 11 118 9
GNA S		Маттаges.	こよのよなの11%のこののなまであめもOOO	00000-100ga69
DEATH	MARRIAGES.	Deaths.	: : : : : : : : : : : : : : : : : : :	27-5247:485 287:481
RIRTH		Births,	22 23 24 25 24 25 25 25 25 25 25 25 25 25 25 25 25 25	2272882722 1827888722
	REVISED POPULATION.	Census 1881.	850 918 1654 1654 1804 2308 214 4772 1708 1108 128 1168 901 2269 2702 2269 2702 1484 901 1186 1186 254	1581 887 807 1361 1362 746 1090 603 4801 547 1016
	REV POPUL	Census 1871.	902 952 1862 1970 228 228 4180 1843 863 863 822 989 989 2602 2602 2602 2780 1049 1142 1142 1142 1143 1143 1143 1143 1144 1144	1597 868 868 905 1340 1434 727 727 935 581 626 639 1040 1101
	REGISTRATION	DISTRICTS.	I. NORTHERN DIVISION.  1. SHETLAND. Bressay, etc.—(1) Bressay, Delting, Dunroseness, etc.—(1) Dunroseness, (2) Sandwick and Cunningsburgh, (3) Fair Isle, Fetlar, etc.—(1) Fetlar, LERWICK, Mid and South Yell, Nesting, etc.—(1) Nesting, (2) Lunnasting, (3) Whalssay and Skerries, Sandsting and Aithsting, Tingwall, etc.—(1) Tingwall, (2) Whiteness and Weisdale, Unst, (2) Sandress, (3) Papa-Stour, (4) Pouls, (4) Pouls,	Z. ORKNET. Birsay (part of Harray and Birsay), Dermess. Eday and Pharay, Evia and Rendall, Firth and Stennes, Harray (part of Harray and Birsay), Holm and Paplay, Hoy and Græmsay, KIRKWALL and St Ols, North! Ronaldshay, Orphly,
	No. of	District.	1 488 4 807 800 18	28888888888888888888888888888888888888

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<b>25,0</b> 4051	4000048040000	1288411233003034043	8
<b>25258</b> 41558	256 266 266 266 275 275 245 245 245 245	010 022 032 034 044 044 044 044 044 044 044 044 044	11 9
24482533339	33 37 37 41 145 145 155 51 379	44488888888888888888888888888888888888	91 71
2828 1198 1198 974 2314 240 1013 493 2200 345	1608 2373 1607 2705 2705 1348 6675 2002 2191 6217 6217	498 2283 1812 1872 652 652 987 665 920 1140 1140 11842 1855 1855 1855 1855 1855 1855 1855	1033 958 1396
870 2053 1153 949 8228 2403 11805 1054 476 2090 870	1700 2466 1661 2664 1387 7400 2028 2531 1458 1458	487 2519 1733 1733 1854 670 648 848 829 1190 829 1804 1916 1916 1916 1916 1916 1918	1053 1129 1467
anganananan.	,,,,,,,,,,,,,		10N.
	3. CAITHNESS.  Gower, Canisbay, Dunnet, Halkirk, Keiss, Latheron, Olrig, Reay, Reay, Watten, Watten,	4. Sutherland.  Assynt—(1) Kirkton, (2) Stoer, Creich—(1) Bonar, DORNOCH, Durness, Eddrachillis—(1) Kirlton, Fair—(1) Kirkton, (2) Kinlochbervie, Kildonan, Lafte, Loth, Rogurt, Tongue,	II. NORTH-WESTERN DIVISION. 5. Ross and Cromarty.  Mainland. Applecross.—(1) Applecross. (2) Shieldaig,
8 8288848B	88 838 872 872 872 874 874 874 875 876 876 876 876 876 876 876 876 876 876	44 45 45 46 48 49 49 49 55 56 56 56 56 56 56 56 56 56 56 56 56	57

Districts containing Parliamentary and Royal Burgibs are printed in capitals, thus:—EDINBURGH. Districts containing Towns of 2000 inhabitants and upwards are printed in small capitals thus:—CARLUKE.

### A. A. asterials \*\* \*\* is prefer to the party of the companies one or more Parishes prepare or parts of these Districts will be found at page 80.

\*\*A dagger \*\*\* is prefaced to the parts of the Parish of the same name.

\*\*The prefaced to the prefer which consists of only a part of the Parish of the same name.

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4. 9. 1.	Total Bi	rths for 1887.	2-23-25-25-25-25-25-25-25-25-25-25-25-25-25-	19
	before V	from District faccination, therwise ounted for.	40H49000H08000000000H0H000 10H08	12
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NS, 1887.	on On	the ground f previous Successful accination.	00000000000000000000000000000000000000	0
VACCINATIONS,	o eldi Sessi Chi	espect of the ldren having ready had mall-pox.	000000000000000000000000000000000000000	-
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		cination tponed.	1012408 80000000000000000000000000000000000	4
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	S. AND	Маттіадея.	7018g1888088884408049988888888888888888888888	8
2110	BIRITIS, DEATRS, MARRIAGES. 1888.	Deaths.	81.887888888888888888888888888888888888	25
olimata.	BIRITIS	Births.	\$\$\arrange \frac{1}{2} 1	382
	SED ATION.	Census 1881.	1691 296 2009 2009 2009 2009 2009 1188 3018 3018 3018 3024 1167 1167 1167 1167 1167 1167 1167 116	2258
	REVISED	Census 1871.	1828 2825 2845 2845 2860 2860 2860 2860 2860 2860 2860 2860	2159
				•
			timed the state of	•
	TION	YS.	r - con	
	REGISTRATION	STRIC	OMARTY - com.  orthern, withern, Kincardine, Strathoykell, Coigach, Coigach,	
	REGI	IQ	TY,  ILL,  ILL,  ILL,  Source  States,	• .
			Ross and Cromart Avoch, Carnoch, Cantin, Croutin, CROMARTY, DINGWALL, Fearn, Fearn, Fodderty, Gairloch—(1) Northern, Glenshiel, Killearnan, Cochalah, Locharonn, Lochalah, Lochaster, Nigg, Rosskean, Tally, Tally, Tally, Tarbat, Urquhart and Logie-Wester, Urquhart and Logie-Wester, Urray, Insular	Uig,
J	No. of 1	District.	88.888.888.888.888.888.888.888.888.888	<b>&amp;</b>

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•	828828	4822°	စစ္က ေရွ	669	12232	192	0,8	78 19 20 20	12 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	' <b>8</b> 8	1388	1 <b>4</b> 22	282	09 90
	1630 707 2086 575 873	1709 1252 1148 1371	658 858 858 853	21725 563 1375	2618 2134 1987	917	2013 425	2161 929 3313	1006 2844 1439 454	77 1265 1314	4264 2483	2060 731 731	1372 1781 1968	2329 2616
	1752 882 1284 681 897	1841 1598 1401 1530	488 499 490	18552 550 1417	2728 2537 2101	1005 1649	2216 565	1997 1113 8354	2306 1362 381	71 1362 1998	2328 2328 260	2233 2233 803 803	1500 1651 1818	2280 2562
	ertarff,		•. •. •							• • •	• •			•
6. INVERNIES. Mainland.	Advis, Ardersier, Boleskine, etc.—(1) Boleskine, (2) Fort-Augustus or Abertarfi, Cromdale and Inversilan, Now 1995 in feet	Croy and Da Daviot and J Dores, Duthil, etc.		INVERNÈSS Kilmonivaig-				Barra, Bracadale, Duirinish—	Harris—(1) $\binom{2}{3}$		North Uist, Portree—(1)	Sleat, (2) reaces, (3) Small Isles, (4) Snizort—(1) North,		Strath,
	<b>22</b> 22 22 22	2888	97	88	8555 855 855 855 855 855 855 855 855 85	<b>5</b> 555	107	801 100 100 100	111	1112	113	115 116 117	118	119

+ The Returns from the remote Island of St Kildu are received with so much irregularity that they only appear in the Detailed Annual Reports.

	Total Births for 1887.		18 24 28 132	88888888888888888888888888888888888888	20 20 21 21 74
	Removed from District before Vaccination, or otherwise unaccounted for.		0000	000000000000000000000000000000000000000	<b>-000</b>
387.	Died before Vaccination.		10211	031010055 118100 <b>480</b> 000	855
IONS, 16	accine 0	the ground of previous Successful Vaccination.	0000		00000
VACCINATIONS, 1887.	Disease Cl	respect of the ildren having already had Small-pox.	0000		00000
Λ,	Or Co	the ground of onstitutional usceptibility.	0000	00000000 00000000	60000
		ecination stponed.	01118	HC0H0N04H 0NDH000NN00N	0-8-0
	Successfully Vaccinated.		17 22 25 114	22.23.33.32.23.33.32.23.33.32.33.33.32.33.33	52 144 111 70
NA N		Матіаges.		24847-64888 8188 <b>48</b> 8411 <b>2144</b> 46	17 17 8 8
DEATH	MARRIAGES. 1888.	Deaths.	9 19 14 121	81188988888888888888888888888888888888	2582
вівтн	W	Births.	20 23 128 128	21:18:88:88:88:88:88:88:88:88:88:88:88:88	85 151 86 86
	ISED ATION.	Census 1881.	1117 1292 1070 <b>5</b> 368	2047 2047 367 11166 11166 2476 915 3991 3991 3985 11236 1175 9868 64752 1072 1052 1052 12201 1346 1346 1346 1346 1346	1794 1356 5218 696 2004
	POPULATION  Census (Census 1871.		1197 1279 1027 4869	1018 375 375 11237 11235 2522 1060 3938 3716 1286 9708 673 4662 1110 1101 22148 1286 1286 1286 2388	1632 1436 5015 785 1854
	I'I'ON		SION.	dvie,	• • • • •
			RN DIVI	(or Moray). "arline" "a supra.)  Cromdale & Advie, Inversallan,  966 supra.)	
REGISTRATION DISTINICTS.		EASTERN.	Elgin (on Morat) and Kincardine. (Now 90a supra.) (2) Inversilian, (Now 966 supra.)	9. BANTE	
		a	III. NORTH-EASTERN DIVISION. 7. NAIRN: Auldeam, Cawdor, NAIRN,	A bernethy and Kincardine.  Alves,  Bellie,  Bellie,  Boharm,  Croundale, etc.—(1) Croundale, etc.—(2) Inversal Duffus,  Duthil, etc. (Now 966 supp. Pryke,  Edinkilise,  Elofinkilise,  Elofinkilise,  Elofinkilise,  Elofinkilise,  Rockeando,  Rafford,	Aberlour, - Alvah, - BAIvah, - BAIvibinie, Bornphile, Boyavilie, - Boyavilie, - Alvah
	No. of District.		95 95 95 95 95 95 95 95 95 95 95 95 95 9	124 125 125 125 125 125 125 125 125 125 125	148

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<b>821788</b> 188 188 188 188 188 188 188 188 188	1878 1695 1695 1607 1618 1618 1618 1618 1618 1618 1618 161
2088 2418 1976 2818 744 744 714 401 1016 952 1616 953 1616 839 639 639 639 639 639 714 714 714 714 714 714 714 714 714 714	50626 6. 45889 6. 5719 6. 2587 6. 468 1427 1427 1427 1514 1938 463 682 1638 1928 463 682 1928 1928 1928 1928 1928 193
2056 2972 2972 2972 2002 845 2845 2846 3912 466 1876 890 1778 1778 1778 1778 1779 2737 7799 2737 7799 2737 1659 1659 1659 1775 1659	47077  42477  1846  1851  1876  1878  1888  11988  499  775  1666  824  824  824  824  824  824  824
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REGISTRATION DISTRICTS.	PERTH—continued.  (2) Fortingall, er, ter, l—(1) Kirkmichael, and Kinloch, eld,
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RECUESTRATION DISTRICTS. Dairsie, Danboer, Dunhoer, Dunhoer, Dunhoer, DYSART, BELR, FRRAT-PORT-ON-CRAIG, FRRAT-PORT-ON-CRAIG, FRIRK-PORT-ON-CRAIG, FRIRK-PORT-ON-CRAIG, FRIRK-PORT-ON-CRAIG, FRIRK-PORT-ON-CRAIG, FRIRK-PORT-ON-CRAIG, KENDAG,	Newburn, PITTENWEEM, PITTENWEEM, ST ANDREWS and St Leonards, St Monance (or Abercrombie), Saline,
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		DISTRICTS.	Dairsie, Dairsie, Dairsie, Dalpogt, Dunbog, DUNFERMLINE, Dunho, PELIR, FALKLAND, FERRAY-PORT-ON-CRAIG, FISIS, FORGAM, INVERKEITHING, Kemback, Kemback, Kentle, KRILCONQUHAR, KRILCONQUHAR, KRILCONQUHAR, KRILCONGUHAR, KRINGRENIN, KRINGROHN, KRINGROHN, KRINGROHN, KRINGROHN, KRINGROHN, KRIRKCALIDY and ABBOTSHALL Largo, Lestins, Lecthars, Logie, Markinch, Moonzie, NEWBURGH, NEWBURGH, NEWBURGH, NEWBURGH, NEWBURGH, NEWBURGH, NEWBURGH, NEWBURGH, NEWBURGH, NEWBURGH, NEWBURGH, NEWBURGH, NEWBURGH, NEWBURGH, NEWBURGH, NEWBURGH, NEWBURGH, NEWBURGH, Saline,	
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3. DEATH	MARRIAGES.	Deaths.	74 297 9 286 11 116 206 17 17	882 822 4 8 1 2 4 1 2 4 8 6 6 6 6 4 8 5 5 1 8
BIRTHS	M	Births.	115 618 618 729 13 272 597 11 27	888 888 888 888 888 888 888 888 888 88
	SED VTION.	Census 1881,	4270 14384 927 10591 719 7414 8862 858 1136 1136	1890 1425 1186 633 911 748 9755 451 1173 1173 1173 1173 1284 1294 120 120 130 130 130 130 130 130 130 130 130 13
	REVISED	Census 1871.	3602 11423 978 8257 730 6038 5346 677 1103 8439	1172 1414 1131 760 954 849 858 1096 1119 1742 1742 1742 1744 1744 1744 1744 1744
REGISTRATION DISTRICTS.		REGISTRATION DISTRICTS.	DUMBARTON—continued. Cumbernauld, DUMBARTON, Kilmaronock, Kinkinytilloch, Luss, Gor Bert Kilpatrick, Old or West Kilpatrick, Roseneath—(1) Roseneath, Roseneath, Row	19. Argula.  Ardchattan,† Ardmanurchan—(1) Aharacle, (2) Arisaig, (3) Sunart (or Strontian), (4) Western Ardmanurchan, (4) Western Ardmanurchan, (5) Sunart (or Strontian), (6) Western Ardmanurchan, (7) Craignish, (8) Western Ardmanurchan, (8) Craignish, (9) Craignish, (1) Craignish, (1) Craignish, (2) Kilmun, (3) Kilmun, (4) Kilchartan, (5) Kilberry (6) Kilchenan, (6) Dalavich, (7) Kilchenan, (8) Milberry (8) Kilchartan, (9) Dalavich, (1) Kilchenan, (1) Kilchenan, (2) Dalavich, (3) Kilman, (4) Kilchenan, (4) Kilchenan, (5) Milberry (6) Milberry (7) Kilchenan, (8) Milberry (8) Milberry (9) Milberry (9) Milberry (1) Kilchenan, (1) Kilchenan, (2) Milberry (2) Milberry (3) Milberry (4) Milberry (4) Milberry (4) Milberry (4) Milberry (4) Milberry (4) Milberry (5) Milberry (6) Milberry (7) Milberry (8) Milberry (8) Milberry (9) Milberry (9) Milberry (9) Milberry (1) Milberry
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AND KILBRIDE, c.—(1) Kilminver, (2) Kilmelford, —(1) Lismore, (3) Appin, (3) Glencoe and Ballachulish, (4) Duror, 1, etc.—(1) Lochgoilhead, (2) Kilmorich, (3) Skipness, stale, (2) Skradell, (2) Skradell, (3) Skradell, (4) Stradellan,			
KILBRIDE,  1) Kilminver,  2) Kilmelford,  1 Lismore,  Ilpin,  Ilpinoe and Ba  Jencoe and Ba  Duror,  (2) Kilmori  Saddell,  Skipness,  (2) Strakchla  (2) Strakchla  (2) Strachur,	r. )w'), )hsay, ickeon		de,
mn KILB  -(1) Kill -(1) Lismu 2) Appin, 3) Glencoc (4) Duror, , etc.—(1) (2) Skipu ale, (2) Skipu ale, (2) Skipu	Kilarrow Kilarrow in 542). Jura, Ou, ad Kilvic Kilmor	n 541). ' . ' . ' . ' . ' (2) Coll, 20. Butr.	Brodic Kilbri
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	Tarbert, Insular. Bownore (or Kilarrow), Gigha, Gigha, etc.—(1) Jura, Jura, etc.—(2) Colonsay, Kilehoman, Kildalton and Kilvickeon, Kilhinian and Kilwickeon, Kilhinian and Kilmore, Kilninian and Kilmore, Kilninian and Kilmore,	Oa (merged in 541); Portrabaven, Salen, Tobermory, Torosay, Tyree, etc (2) Co.	Cumbrae,
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+ Vaccination Return not received.

	Total Bi	rths for 1887.	418 28 29 20 20 20 20 20 20 20 20 20 20 20 20 20	51100000000000000000000000000000000000
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VACCINATIONS, 1887.	Vaccine Or	the ground of previous Successful accination.	18000000000000000000000000000000000000	0000100000
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THE A SEC.	MARRIAGES.	Deaths.	20 20 16 16 20 20 20 20 20 20 20 20 20 20 20 20 20	821224 124 124 125 125 125 125 125 125 125 125 125 125
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	ISED ATION.	Census 1881.	11488 12211 1385 13915 1653 20305 18188 20305 20305 20305 20305 20305 2505 2505	3688 4098 ( c. 2057 ( c. 4524 22277 1442 600 606 6113 1132 1159 3100
	REVISED POPULATION	Census 1871.	9573 7231 1714 13098 1565 20822 13662 2109 2109 2810 2810 2810 2810 2810 2810 2822 2822	\$338 \$829 \$872 19172 1977 672 673 673 1172 1172
	REGISTRATION DISTRICTS.		VI. SOUTHAN  ABBEY—(1) B  (2) L  (3) J  CATHCART, Englesham, EASTWOOD, Brikine, GREENOCK—( GREENOCK—( Houston and Ki Inchinnan, INYERKIP—(1) Ji INYERKIP—(1) Ji KILBARCHAN—(1) INYERKIP—(1) B  KILBARCHAN—(1) INTERFORM—(2) G  KILBARCHAN—(1) Ji KILBARCHAN—(1) JI KILBA	
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on, (2) (2) (4) (2) (3) (4) (4) (5) (6) (6)	23. Lianus (2) Sherru (2) Sherru (2) Sherru (2) Sherru (2) Houru (2) Houru (2) Eastern, at,
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Tot	Total Births for 1887.		E82282828282828282828282828282828282828
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sceptible of Vaccine Disease.	On the ground of previous Successful Vaccination.		00000000000000000000000000000000000000
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BIRTHS, DEATHS, MARRIAGES.	1888.	Deaths.	25.7 12.8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8
BIRTHE		Births.	228 227 227 227 227 228 228 228 228 228
SED TTON.		Census 1881.	19286 8552 770 770 770 770 770 770 770 1952 1952 1952 1068 1068 1068 1068 1068 1068 1068 1068
REVISED		Census 1871.	18709 7086 708 702 708 702 708 7118 727 1102 853 5332 5039 5.11195 3861
REGISTRATION DISTRICTS.			LANARK—continued. CARBUSNETHAN, CARRUNES. Carnichael, Carnwath.—(1) Carnwath, (2) Forth, Cawford, and Thankerton, Cawford, ban, Cawford, ban, Chawford, band, bandsne, (2) Dalserf, Douglas, Douglas, Douglas, Cambonie, (3) Dalserf, (4) Calton, (5) Cambonie, (6) St Rollox, (7) Blythswood, (8) Milton, (9) Kelvin, (10) Anderston, (11) Hutchesontown, (12) Gorbals, (13) Tradeston, (14) Minting Park, (15) Tradeston, (16) Gorbals, (17) Do. Landward, (18) Tradeston, (19) Anderston, (19) Anderston, (10) Anderston, (10) Anderston, (11) Anderston, (12) Gorbals, (13) Tradeston, (14) Kinning Park, (15) Do. Landward, (16) Do. Landward, (17) Do. Landward, (18) Tradeston
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GVAL—(I)         PLANTATION,         1450         1450         1450         1450         1450         18405         864         348         17         38         2         0           G47         GOVALA,         18405         8846         18405         8949         18405         8949         1125         1701         1         2         2           648         LANARIK,         28726         39028         1125         577         201         964         2         2         6         2         3         4         3         2         3         4         3         4         3         4         3         4         3         4         4         3         4         4         3         4         4         3         4         4         3         4         4         3         4         4         3         4         4         3	Abercorn.  24. Linlithgow.  25. Linlithgow.  26. Linlithgow.  26. Linlithgow.  27. Linlithgow.  28. Sept. Se	25. EDINBURGH.  1494 1374 38 18 6 44 0 0  712 606 15 4 5 16 10 0  2481 3431 107 57 15 86 6 0  15 17 88 2156 51 14 17 63 21 1  17 88 2156 51 41 7 63 21 1  17 88 89 1 0 0  17 89 80 14 7 89 10 0  17 89 80 14 0 0  17 89 80 10 0  17 89 80 10 0  17 89 80 10 0  17 89 80 10 0  17 89 80 10 0  17 89 80 10 0  17 89 80 10 0  17 89 80 10 0  17 89 80 10 0  17 89 80 10 0  17 89 80 10 0  17 89 80 10 0
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VACCINATIONS, 1887 Insusceptible of Vaccine Disease.	Chi al	espect of the ldren having lready had Small-pox.		0000000
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IS, AND		Marriages	44 45 25 25 25 25 25 25 25 25 25 25 25 25 25	roro Larina 40
BIRTHS, DEATHS, MARRIAGES.	1888.	Deaths.	52 52 52 52 53 53 54 54 55 56 57 58 58 58 58 58 58 58 58 58 58	98 8 8 8 9 9
BIRTE		Births.	236 1951 1429 1429 1342 1348 1349 1364 1367 1369 1369 1369 1369 1369 1369 1369 1369	13283822 13283822
REVISED POPULATION.		Census 1881.	6794 1111 60338 8803 8804 50679 34887 1500 1500 10536 2775 8872 2775 8872 2775 8872 8872 8771 1307 1307 1307 1307 1307 1307 1307 1	1000 762 337 1506 5396 758 1747 5660
REV	!	Census 1871.	5481 959 1577 44559 36995 3869 3869 1158 1158 10068 2202 2659 2659 2659 1658 1658 1658 1658 1658 1658 1658 1658	1022 844 844 864 1419 4982 832 1968 5735
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	REVISED POPULATION		Census 1871.	828 1332 903 903 1038 1038 1038 1038 1038 1038 1038 10		827 861 1085 428 1026 545 1492 1492
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			å	DUMFRIES—continued, el, oe, ael, (I) Northern Di (E,-Juxta, M, MSEN, Missen, M	32. KIRKCUDBRIGHT.	
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				Keir, DUMFRIES—continued. Kirkconnel, Kirkmahoe, Kirkmahoe, Kirkpatrick-Fleming— (1) Northern District, IANGHOLM, LOCHMABEN, Middlebie Morton, Morton, Morton, Morton, Penpont, Ruthwell, St Mungo, St Mungo, St Mungo, Trundergarth, Tynon, Wandokbad, Wanlockhead, Wanlockhead, Wanlockhead, Westerkirk,		Anwoth, Balmaclellan, Balmaghie, Bargrennan, Borgue, Buittle, Carsphairn, Colvend, Corsock-Eridge, Crossok-Eridge,
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### APPENDIX.

# VACCINATIONS, 1887.

# EXTRACTS FROM THE REGISTRARS' NOTES RELATIVE TO THE WORKING OF THE VACCINATION ACT.

#### II. NORTH-WESTERN DIVISION.

#### 5. Ross and Cromarty.

#### Mainland.

59 (a) Avoch.—The habit of delaying vaccination seems to have got a strong hold of the people. 12 notices to parents have just been sent out.

74. Lochalsh.—The two unaccounted for will no doubt yet be vaccinated, as they are still in

the parish.

75. (1) LOCHBROOM.—Most of those entered in Col. seven will yet be vaccinated, being cases of children whose period of postponement has expired, and who await the return of the vaccinator.

#### Insular.

87. LOCHS.—A severe epidemic of Measles passed over the parish, and the children were in such a weakly state that none were in a condition to be vaccinated until the beginning of autumn. Since then the Medical Officer has vaccinated as many as were fit.

#### 6. INVERNESS.

#### Mainland.

97. (3) NORTH MORAR.—The Registrar has reason to believe that nearly all the children were successfully vaccinated last summer, although he has not been furnished with certificates, on account of the vaccinator for the district having been unfortunately drowned last August. A successor has been appointed who will furnish the certificates as soon as possible.

#### Insular.

110. (1) DUIRINISH.—That there are 21 in Col. seven is accounted for by the fact that Hooping Cough and Measles were prevalent, and children could not be vaccinated.

#### III. NORTH-EASTERN DIVISION.

#### 9. BANFF

153. (2) PORTSOY.—The entry in Col. seven is of a child whose parents removed from the district, and are supposed to be in America. Enquiries are being made with the view of tracing them.

#### 10. ABERDEEN.

168. (2) ABERDEEN.—Column seven includes two cases in which the parents refuse to vaccinate.

168. (3) WOODSIDE.—The case unaccounted for is one in which the parent refused to allow vaccination.

199. GLASS.—The only child whose vaccination is unaccounted for is that of a travelling tinker who left the district about Whitsunday 1888, and has not been seen in it since.

#### 11. KINCARDINE.

257. FETTERCAIRN. —Of the children whose births were registered in 1887, one-fourth died before vaccination. Several of these were twins, and others were victims of Measles and Hooping-Cough.

#### IV. EAST-MIDLAND DIVISION.

#### 12. FORFAB.

288. FORFAR.—An epidemic of Measles accompanied with Bronchitis caused a number of the Deaths before vaccination.

#### V. WEST-MIDLAND DIVISION.

#### 19. ARGYLL.

#### Mainland.

505. (3) WESTERN DISTRICT OF ARDNAMURCHAN.—The prevalence of an epidemic of Hooping-Cough in spring of 1888, and an epidemic of Measles in December, operated against the carrying out of the provisions of the Vaccination Act. These causes together account for the abnormal number of 'Vaccination still postponed.

511. GLASSABY.—The entry in col. seven is that of the child of a tinker. The parents have not been seen in the district since the child was registered.

#### 20. BUTE.

553. (2) KILBRIDE.—Hooping-Cough prevailed during the summer, and a good many vaccinations were postponed in consequence.

#### VI. SOUTH-WESTERN DIVISION.

#### 21. RENFREW.

560. CATHCART.—In one of the two cases in Col. seven the parent refuses to allow vac-cination, and the Local Authority intend to prosecute. Vaccination on the whole better attended to than it was some years ago.

#### 22. AYR.

590. (2) TROON.—There is still some difficulty in getting vaccination certificates in within the prescribed time. If the Vaccinator were paid a small fee for granting such, an improvement would be effected.

597. KILMARNOCK.—The chief difficulty is with

those parents who are migratory in their habits.
607. MUIRKIRK.—There is considerable difficulty in getting certificates in cases of the very poor of the working classes. The children are regularly vaccinated, but Medical Practitioners refuse to give certificates until their fees are paid.

#### 23. LANABK.

644. (2) CAMLACHIE (GLASGOW).-145 of the children born were vaccinated by Midwives, certificates being granted in the form of Schedule C.

#### VII. SOUTH-EASTERN DIVISION.

#### 25. EDINBURGH.

674. BORTHWICK. - Of the four cases in Col. seven, two were successfully vaccinated, and most likely all. It is presumed that certificates are withheld by the Vaccinator on account of non-payment of fees.
686. FALA AND SOUTRA.—Parents seem anxious

to get their children vaccinated, but sometimes, especially in winter, owing to long distance from the doctor and blocked roads, vaccination is de-

layed beyond six months.
698b. STOBHILL.—Of the five entered in Col.

seven, three have left for America.
701. WEST CALDER.—A great number of removals caused by the stoppage of shale pits, necessitating the removal of miners from the parish.

#### VIII. SOUTHERN DIVISION.

#### 30. ROXBURGH.

807. SPROUSTON.—A scarcity of vaccine matter is reported to be the cause of so many cases of postponed vaccination.

# CONSTITUTION OF THE DISTRICTS DISTINGUISHED IN THE PRECEDING TABLES BY AN ASTERISK (\*).

No.	Districts.	Component Parts (Parishes).
14	Deerness	Part of St Andrews.
15	Eday and Pharay	Part of Stronsay and Eday.
22	North Ronaldshay	Part of Cross and Burness.
26	Sanday	Lady, and part of Cross and Burness.
37b	Keiss	Parts of Canisbay and Wick.
598	Applecross	(1) Part of Applecross; (2) Rest of Applecross and part of Gairloch.
716	Kinlochluichart	Parts of Contin, Fodderty, and Urray. Parts of Contin, Fodderty, and Urray.
866	Carloway	Parts of Lochs and Uig.
87	Carloway	Parts of Lochs and Uig.
112	Killiniir	(1) Part of Kilmuir; (2) Rest of Kilmuir and part of Snizort
135		(1) Part of Kilmuir; (2) Rest of Kilmuir and part of Snizort Elgin, and parts of New Spynie and St Andrews-Lhanbryde.
152	Englo	Parts of Bellie and Rathven.
1555	Engle Glenrinnes	Parts of Aberlour and Mortlach.
2105	Seafield Kinninmonth	Parts of Cullen and Rathven.
217	Logie Coldstone and Cromar	Parts of Crimond, Longside, Lonmay, Old Deer, and Strichen. Logic Coldstone, and part of Glenmuick, Tullich, and Glengaira.
2225	Millbrex	Parts of Fyvie and Monquhitter.
2275		Parts of Aberdour, New Deer, Strichen, and Tyrie.
2876	Savoch	Parts of Ellon, New Deer, Old Deer, and Tarves.
240	Savoch Strathdon . Ythan Wells	Strathdon, and part of Tarland.
2498		Parts of Auchterless and Forgue.
272 282	Arbroath	Arbroath, and part of St Vigeans.
294	Dundee	Dundee, and part of Liff, Benvie, and Invergowrie.
297	Kinnettles	Kettins and part of Scone. Kinnettles and part of Caputh.
324	Kinnettles	Parts of Dull, Fortingall, Kenmore, Logierait, and Weem.
331	Balquhidder	Balquhidder, and part of Comrie.
344		Part of Dunkeld and Dowally.
349	Dunkeld	Parts of Caputh and of Dunkeld and Dowally.
855a	Dunkeld	(1) Parts of Fortingall and Weem; (2) Part of Fortingall.
355b 360		Part of Dull.
361	Kenmore	Parts of Kenmore and Weem. Parts of Kenmore, Killin, and Weem.
867	Kinloch-Rannoch	Parts of Fortingall and Logierait.
875	Logieslmond	Parts of Fowlis-Wester, Little Dunkeld, Methyen, Monzie, and Redgorton.
379	Meigle Persie	Meigle, and part of Coupar-Angus. [Kinloch, and Rattra
386b	Persie	Parts of Alyth, Bendochy, Blairgowrie, Caputh, Kirkmichael, Lethendy as
387	Perth	Perth, and parts of Kinnoull, Scone, and Tibbermore
393b 394b	Stanley	Parts of Auchtergaven, Kinclaven, and Redgorton.
394c	Monay days	Part of Killin,
402	Anstruther-Easter	Parts of Blair-Athol, Dull, and Moulin.  Anstruther-Easter and part of Kilrenny.
417	Crail	Part of Crail and May Island.
423	Dunbog	Dunbog, and parts of Abdie and Flisk.
424	Dunbog	Parts of Dunfermline and Inverkeithing.
425	Dunino	Dunino and part of Crail.
432	Inverkeithing	Parts of Inverkeithing and Dunfermline. Kirkcaldy, Abbotshall, and part of Kinghorn.
442 481b	Kirkcaldy and Abbotshall.	Kirkcaldy, Abbotshall, and part of Kinghorn.
490	Grangemouth	Parts of Bothkennar, Falkirk, and Polmont.
493	Bonhill	Stirling, and part of St Ninians. Bonhill, and part of Dumbarton.
496	Dumbarton	Parts of Cardross and Dumbarton.
506	Ballachulish, etc	Part of Kilmalie.
509	Cumlodden and Minard .	Parts of Glassary and Glenaray.
513 515	Inversary	Inveraray and part of Glenaray.
517	Kilbrandon and Kilchattan Kilchrenan	Kilbrandon and Kilchattan, and part of Jura. [of Kilchrenan and Dalavie
526	Lochgilphead	<ol> <li>Parts of Kilchrenan and Dalavich, and of Glenorchy and Inishail;</li> <li>Re Parts of Glassary and South Knapdale.</li> </ol>
529	Muckairn	Parts of Ardchattan and Muckairn, and of Glenorchy and Inishail.
535	Tarbert	Parts of Kilcalmonell and Kilberry, of Saddell and Skipness, and of Son
536	Bowmore (or Rilarrow) .	Part of Kilarrow and Kilmeny. [Knapda]
542	Kilfinichen and Kilvickeon	Parts of Kilfinichen and Kilvickeon, and of Torosay.
543 545	Kilmeny	Part of Kilarrow and Kilmeny
547	Kinlochspelvie	Part of Torosay. Part of Kilchoman.
548	Salen	Parts of Kilminian and Kilmore, and of Torosay.
549	Tobermory	Part of Kilminian and Kilmore.
556	LOCHIANZA	Parts of Kilbride and of Kilmory.
557	North Bute	North Bute and part of Pothesay
572	Nellston	(1) Part of Neilston; (2) Rest of Neilston and part of Abbey.
573 576	Paisley	(1) Part of Nellston; (2) Rest of Nellston and part of Abbey.  High, Middle, and Low Church Parishes, and parts of Abbey and of Renfrew (1) Parts of Ardrossap and of West Kilbeide, (2) Perts of Ardrossap and of Mest Kilbeide, (3) Perts of Ardrossap.
578	Ardrossan	(1) Lares of the dissail and of Hest Kilbride ; (2) Rest of Arthossail.
5845	Crosshill	Ayr, and parts of Newton-upon-Ayr, and of St Quivox. Parts of Kirkmichael, Kirkoswald, and Maybole.
595	Irvine	Irvine, and part of Dundonald.
612	St Quivox, etc	Parts of Newton-upon-Ayr, and St Quivox.
6266	Calderhead	Parts of Cambusnethan and Shotts.
644	Glasgow	City of Glasgow, including Gorbals and parts of Barony and Govan
670 684	Queensferry	Queensferry, and part of Dalmeny
685	Edinburgh	Parts of Duddingston and South Leith. [ton, and North Leith and South Leit
690	Kirknewton & East Calder	City of Edinburgh, Canongate, and parts of St Cuthberts, Duddingston, Libe Kirknewton and East Calder, and part of Kirkliston.
692	Leith	(1) Parts of Cramond, North Leith and St Cuthbarts, (2) Parts of North
		(1) Parts of Cramond, North Leith, and St Cuthberts; (2) Parts of Nor Le' St Cuthberts, and South Leith.
6985	Stobhill	Part. ck, Cockpen, Newbattle, and Temple.
774a	Caddonfoot	Parts of lalkirk, Yarrow, Innerleithen, and Stow.
7765	Ladhope	Part of A
787 <i>b</i>	Edgerston	Parts of Jed nam, and Southdean.
8135	Kirktown	Kirktown and Cavers.
8536	Wanlockhead	Parts of Annan, nertrees, and Hoddom.
8576	Bargrennan	Part of Sanguhar.
862	Corsockbridge	Parts of Minnigaff (Kirkcudbright) and of Penninghame (Wigtown). Parts of Balmaciellan, Kirkpatrick-Durham, and Parton.
864	Dalbeattie	Part of Urr.
899	Stranger	

LIST of REGISTRATION DISTRICTS which include BURGHS, or TOWNS of 2000 Inhabitants, and upwards, or parts thereof, bearing a different name from the Districts in which they are situated.

No.	Registration Districts.		Burgh	9.		Towns.
80	Rosemarkie	* Fortrose.				
130	Drainte				-	*Lossiemouth.
155a <sup>2</sup> 164	Macduff	Banff.				
164	Rathven	Cullen.	•	•	-	*Buckie.
211	Kinnellar -	Kintore.				
13	Kintore	Inverurie.				
2511	Banchory-Devenick	Aberdeen.				
58	Benholm	Inverbervie.				
55 1	Dunnottar Fetteresso		•	•	•	Stonehaven.
62	Kinneff, etc.	Inverbervie.	•	•	•	Do.
274	Barry					Carnoustie.
280	Craig	Montrose.				
282 4	St Andrews (Dundee) -		•	-	-	Broughty-Ferry.
16	Monifieth	: :	•	•	-	Do.
371	Lecropt			:		Carnoustie. Bridge of Allan.
74	Logie	Stirling.		-		Do.
85	Muckhart			-	-	Dollar.
86 a	Muthill		•	-	•	Crieff.
89	Rattray Abdie	: :	•	•	:	Blairgowrie,
05	Auchterderran	1: :		-	-	Suburban of Newburgh. Lochgelly.
08	Ballingry			-		Do.
10	Beath					Cowdenbeath.
31	Forgan	· Parte		•	•	Newport.
36 38	Kilconquhar Kilrenny	* Earlsferry.	agter			
56	Kilrenny	Anstruther-E	aster.			*Leven.
59	Wemyss					Buckhaye
66	Clackmannan				-	Alloa.
75	Campsie				-	*Lennoxtown.
78 85	Dunipace Larbert	: :		:		Denny.
88	St Ninians	: :			-	Stenhousemuir. Bannockburn.
93	Bonhill Cardross					*Alexandria
94	Cardross			-	-	*Renton.
00	New or East Kilpatrick -		•	-	•	*Milngavie.
03	Row Kilmore and Kilbride -	* Ohen	•		•	*Helensburgh.
593	Abbey	* Oban.				Johnstone.
60						(Busby.
	Cathcart		•	-	-	(Busby. (Suburban of Glasgow (Crosshill).
62	Eastwood Greenock, East	2.45		-	-	*Pollokshaws and Thornliebank.
64 71	Mearns	Port-Glasgow				Duebe
761	Old Ardrossan		:	:	:	Busby. Saltcoats.
77	Auchinieck	: :	-	-	:	Cumnock.
98	Auchinleck Galston	-	-	-	-	Newmilns.
97	Kilmarnock		•	_	-	Hurlford.
08 11	Riccarton	Kilmerast	•	:	-	Galston and Newmilns.
18	Sorn	Kilmarnock.	:	-	:	Hurlford. •Catrine.
15	Stevenston Avondale	: :	:	:		Saltcoats.
21	Avondale		-	•	•	*Struthaven [Possilnerk
221	Maryhiii		•	•	•	Suburban of Glasgow (Maryhill ar Suburban of Glasgow (Shettleston ar
22 3	Shettleston		-	-		
22 2	Shettleston				-	part of Tollcross). Tollcross.
24	Blantyre Bothwell		•	•	-	Stonefield.
25 1	Bothwell		•	-	-	*Belishill, Uddingston and Mossend.
28	Cambusnethan		•	•	•	*Newmains and Wishaw.
39 43	Dalziel East Kilbride		:	•	•	Motherwell.
4411		:::	:	:	-	Busby. [Polmadic Suburban of Glasgow (Govanhill ar (Suburban of Glasgow (Govanhill Pollockshields, and Strathbungo).
4418		1	-	•	-	(Suburban of Glasgow (Govanbill
35,2	Glasgow (Gorbals)		•	•	-	Pollockshields, and Strathbungo).
4414	Glasgow (Kinning Park) -		•			
461	Govan					Strathbungo, and Kinning Park)
	Partick		:	:	:	Suburban of Glasgow (Govan). [head Suburban of Glasgow (Partick and Hil
47	Hamilton	-	-		-	Larkhall and Motherwell.
51 2	New Monkland (Landward)		•	-	•	Suburban of Airdrie.
52	Old Monkland	1				D
ı	(1) Western District - (2) Middle District -	: :	•	-	•	Bailliestone, and Tollcross.
	(3) Eastern District -	1:::	:	•	•	Coatbridge and Rosehall. Do. do.
54	Rutherglen		•			Cambuslang.
64	Carriden		•	•	• .	Borrowstounness,
72	Uphall		•	•	•	Broxburn.
78 <sup>2</sup>   76	Fauldhouse Cockpen		•	•	•	*Crofthead.
69	Inveresk	Musselburgh	. •	•	•	Bonnyrigg.
91	Lasswade	w meanon gn	٠.	-		Penicuik, Loannead.
27	Ayton		-	-	-	Eyemouth.
76 b	Ladhope	Galashiels.				· ·
10	Wilton	Hawick.				
13 b 20	Brydekirk Dryfesdale · · ·	Annan.	_	_	_	Lockarbia
63	Crossmichael	1:::	:	•	:	Lockerbie. Castle-Douglas.
68	Kells	New Gallows	y.	•	-	
169	Kelton		4	-	•	Castle-Douglas.
76	Minnigaff	1	i	•	•	Newton-Stewart.
	Terregles	Dumfries.	•			i
80 82	Troqueer	Do.				

The asterisk indicates that the sustee Burch or Town is embraced in the Registration District.

# INDEX TO THE DISTRICTS.

The Figures refer to the Numbers of the Districts in the preceding Tables of Births, Deaths, and Marriages, these being numbered consecutively from 1 to 901.\*

					COLUMN TO SE	V SAN TERRESON	-
Abbey, . 559	Ardrossan, 576	Beath (Fife),	410	Burntisland,	411		816
	the total trans	Bedrule, .	782	Burra & Quarff,	1	Clunie (Perth).	339
Abbey St Bath-			581		571	Cluny(Aberd'n),	
ans, . 726	Armadale, . 662	Beith (Ayr),		Busby, .	211	CIT	
Abbotshall, 399	Arngask, . 404	Belhelvie, .	174		100	Clyne, .	45
Abdie 400	Arrochar, . 492	Bellie, .	126	Cabrach, .	177		652
Abercorn, . 661	Ashkirk, . 781	Benbecula, .	118	Cadder.	626	Cockburnspath,	731
		Bendochy, .	332	Caddonfoot,	774	Cocknen	676
Aberdalgie, 323		Dendochy, .	253	Caddomoot,	178	Cockburnspath, Cockpen, Coigach,	75
Aberdeen . 168	Athelstaneford, 703	Benholm, .		Cairney,		Colgaci,	700
Aberdour(Aber-	Auchindoir, 172	Bernera, .	111	Calderhead,	626		732
deen), . 169	Auchinleck, 577	Bervie, .	254	Callander, .	336		733
Aberdour(Fife), 401	Auchterarder, 329	Biggar, .	623	Calton, .	644	Colinton, .	677
		731	127	Cambuslang,	627	Coll,	551
Aberfeldy, . 324						College	
Aberfoyle, . 325	Auchtergaven, 330	Birsay, .	13	Cambusnethan,	020	Collace, . Collessie, .	470
Aberlady, 702	Auchterhouse, 273	Birse,	175	Cameron, .	412	Collessie, .	410
Aberlemno, 269	Auchterless, 173	Blackford, .	333	Camlachie,	644	Colmonell, .	282
Aberlour, . 145	Auchtermuchty, 406	Blackfriars,	644	Campbeltown,	507	Colonsay.	539
		Blair-Athol,	334	Campsie, .	475	Colvend, .	861
The state of the s			335	Canisbay, .	35	Commis	341
Abernethy and	Auldearn, . 121	Blairgowrie,					
Kincardine, 90	Avoch, . 59	Blantyre, .	624	Canonbie, .	814	Contin, .	60
Abernyte, . 327	Avondale, . 621	Blythswood,	644	Canongate, .	685		258
200	Ayr, 578	Boddam, .	232	Caputh, .	337	Corsock-Bridge,	862
No. of	WOM.	Boharm, .	128	Cardross, .	494		678
Aharacle, . 505	Ayton, . 727		118		277	Cortachy&Clova	
Airdrie, . 651		Boisdale, .		Careston, .			182
Airlie, . 270	Baldernock, 471	Boleskine, .	92	Cargill, .	338	Coull,	102
Airth, . 469	Balfron, . 472	Bolton, .	704	Carlaverock,	815		279
Alford, . 171	Ballachulish and	Bonar	46	Carloway, .	86	Covington and	
	Corran of Ard-	Bonhill, .	493	Carluke, .	629	Thankerton,	634
The state of the s		Borgue, .	858	Carmichael,	630	Coylton, Craig, Craigie, Craignish,	583
			663	Carmunnock,	631	Croice	280
Alva (Stirling), 470		Bo'ness, .			276	Casimia	584
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<sup>\*</sup> The actual number of Districts is 1048—many Parishes and Burghs having been divided into two or more Districts for the purpose of Registration. Thus Edinburgh and Glasgow, to each of which only a single number is assigned in the Tables, consist of 5 and 14 Districts respectively. In forming the alphabetical arrangement the principle adopted has been to place compound names in the order in which they are pronounced.

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OF THE

# REGISTRAR-GENERAL

ON THE

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REGISTERED IN

# SCOTLAND

DURING THE

YEAR 1888:

AND

# TWENTY FOURTH ANNUAL REPORT

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